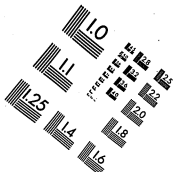
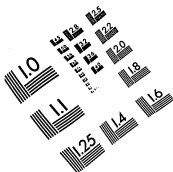




Association for  
Information and Image  
Management

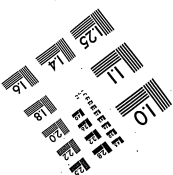
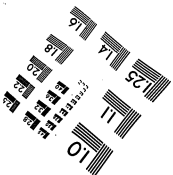
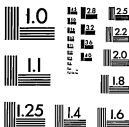
MS303-1980



Centimeter



Inches



# Thomas A Edison Papers

## A SELECTIVE MICROFILM EDITION

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University Publications of America  
Frederick, Maryland  
1987

Edison signature used with permission of McGraw-Edison Company.

**Thomas A. Edison Papers  
at  
Rutgers, The State University  
endorsed by  
National Historical Publications and Records Commission  
18 June 1981**

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**START**

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THOMAS A. EDISON PAPERS  
A SELECTIVE MICROFILM EDITION  
PART II  
(1879-1886)

REEL 77

DOCUMENT FILE SERIES (DOC-37)

D-85-001 through D-85-033  
("Deafness" through "Electric Light - Electric Tube Company")

1885 DOCUMENT FILE

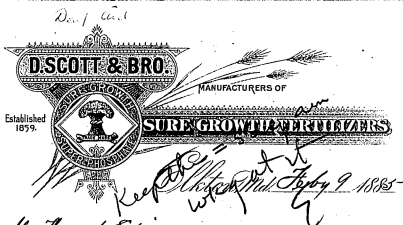
|          |  |
|----------|--|
| D-85-001 | Deafness   |
| D-85-002 | Drexel, Morgan & Company   |
| D-85-003 | Edison, T.A. - General   |
| D-85-004 | Edison, T.A. - Accounts  |
| D-85-005 | Edison, T.A. - Advice  |
| D-85-006 | Edison, T.A. - Articles  |
| D-85-007 | Edison, T.A. - Autograph and Photograph Requests (not filmed)                      |
| D-85-008 | Edison, T.A. - Bills and Receipts (not filmed)                                     |
| D-85-009 | Edison, T.A. - Bills of Lading (not filmed)  |
| D-85-010 | Edison, T.A. - Book and Journal Orders   |
| D-85-011 | Edison, T.A. - Clubs and Societies   |
| D-85-012 | Edison, T.A. - Creditors   |
| D-85-013 | Edison, T.A. - Employment  |
| D-85-014 | Edison, T.A. - Family  |
| D-85-015 | Edison, T.A. - Suppliers (not filmed)  |
| D-85-016 | Edison, T.A. - Unsolicited Inquiries (not filmed)                                  |
| D-85-017 | Edison, T.A. - Visitors (not filmed)   |
| D-85-018 | Electric Light - General   |
| D-85-019 | Electric Light - Ansonia Brass & Copper Company                                    |
| D-85-020 | Electric Light - Armington & Sims  |
| D-85-021 | Electric Light - Bergmann & Company  |
| D-85-022 | Electric Light - Edison Company for Isolated Lighting                              |
| D-85-023 | Electric Light - Edison Electric Illuminating Companies - General                  |
| D-85-024 | Electric Light - Edison Electric Illuminating Companies - Accounts<br>(not filmed) |
| D-85-025 | Electric Light - Edison Electric Illuminating Company of New York                  |

|          |   |
|----------|---|
| D-85-026 | Electric Light - Edison Electric Light Company                        |
| D-85-027 | Electric Light - Edison Electric Light Company of Europe, Ltd.        |
| D-85-028 | Electric Light - Edison Lamp Company - General                        |
| D-85-029 | Electric Light - Edison Lamp Company - Accounts                       |
| D-85-030 | Electric Light - Edison Lamp Company - Lamp Test Reports (not filmed) |
| D-85-031 | Electric Light - Edison Machine Works                                 |
| D-85-032 | Electric Light - Edison Shafting Manufacturing Company                |
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| D-85-034 | Electric Light - Foreign - General                                    |
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| D-85-036 | Electric Light - Western Edison Light Company                         |
| D-85-037 | Electric Pen  |
| D-85-038 | Exhibitions   |
| D-85-039 | Fort Myers  |
| D-85-040 | Glenmont  |
| D-85-041 | Insull, Samuel  |
| D-85-042 | Menlo Park  |
| D-85-043 | Mining  |
| D-85-044 | Patents   |
| D-85-045 | Railroad - Electric   |
| D-85-046 | Telegraph   |
| D-85-047 | Telephone   |

**1885. Deafness (D-85-001)**

Following the appearance in early 1878 of articles about the phonograph, which drew attention to his own deafness, Edison began receiving inquiries about his proposed invention of a hearing aid. (See Thomas A. Edison Papers Microfilm Edition, Part 1, 13:3-166.) This folder contains correspondence inquiring about the current state of the invention.

Approximately 30 percent of the documents have been filmed. These items received significant replies or were written by individuals associated with Edison.



Mr. Thos. A. Edison

Meats Park N.Y.

Dear Sir:-

I have considerable difficulty in hearing through the telephone, my ears having been somewhat affected by an attack of scarlet fever. When a child, I was told in '76 that you were similarly troubled and had been experimenting in view of our coming this difficulty. Will you kindly tell me if you have been successful and if there is any arrangement which will help my hearing through the telephone.

Yours truly

W. H. Blackall (R. M.)

Deaf Aed

telling me still at  
it actively I need

Toronto Feb. 18<sup>th</sup> 1888

It was good to hear from  
you

J. N. Edison Esq.  
65 Fifth Avenue.  
New York.

Sir,

Some years ago, I received  
a letter from you informing me  
that you had a man engaged in  
experimenting on the "Microphone"  
with a view to perfecting an in-  
strument that would be of assis-  
tance to persons suffering from  
Deafness.

As I have been afflicted  
with partial Deafness for many  
years, and have had some hopes  
since the receipt of your letter that  
you would succeed in perfecting  
such an instrument, I would  
respectfully request you to me

from me to what extent the above experiments were successful, and whether you have any hopes that Electricity may be made available in Deafness.

A few days ago, I received a letter from a Mr. Leo Ehrlich of St. Louis informing me that he has invented a device called the Electric Ausrophon which will by its use remove or relieve Deafness, but as I have been deceived many times by so called Devices which proved to be worthless, I have ceased to pay much regard to such communications.

Hoping that you will favor me with a reply, and that my anxiety to obtain relief from Deafness will be accepted

as an excuse for trespassing on your valuable time.

I remain

Yours truly  
Owen McKay

Address: School of Practical  
Science, Toronto, Ontario,  
Canada —

WERNER EGGERTE,

(SUCCESSOR TO W. ROBERTS & SONS.)

CABINET MAKER AND BUILDER,

—DEALER IN—

FURNITURE, SEWING MACHINES & PAINTS.

La Voie, Iowa, Sep. 1891

Dear Mr. Edison

Enclosed an article from  
Montreal Family Herald.

I am perfectly deaf for 14 years  
and if you should succeed to invent an  
instrument which would change sounds to  
writing, I would gladly pay \$100,000 or more  
for one.

Hundreds and thousands of deaf persons  
would bless you for such an invention, and  
you could make a fortune besides.

Will you be kind enough, and favor me  
with a line or two.

Very Resp.

W. Eggerth

impossible to do this  
but I am writing for  
an opportunity for  
publicly  
drop people

**1885. Drexel, Morgan & Company (D-85-002)**

This folder contains correspondence about financial transactions undertaken by Drexel, Morgan & Company for Edison or his companies. Material relating to Drexel, Morgan & Company's role as a financier of Edison's electric light and telephone ventures can be found in folders on those subjects.

Approximately 70 percent of the documents have been filmed. Routine correspondence relating to financial transactions for Edison or his companies has not been filmed.

Edison Railroad.

DREXEL MORGAN & CO.  
Wall St. Corner Broad.  
New York.  
DREXEL & CO.  
Philadelphia.  
DREXEL, HARTIS & CO.  
Paris.

New York City, 27 1885

J. H. Johnson, Esq.  
15, 5th St. City

Dear Sir, we have just had a visit from  
Col. Hazard and Mr. Montgomery with  
reference to the pooling of the Edison  
Railway patents for Great Britain and  
the Continent of Europe with those of  
other systems. The general plan seems  
to be to get the Edison, Thiel, Marsh, and  
Straight, Brewster and Pratt people to com-  
bine on some fixed basis.

The proposition in a general  
way strikes us rather favorably but  
before it can be given any definite  
consideration we must understand  
how the Edison patents stand. We  
believe that for Great Britain and  
Ireland, also Norway Sweden and  
Portugal are controlled by his <sup>are, we believe, owned</sup> patents  
for the remaining countries - by Edison  
individually or by the European Co.  
Mr. Montgomery is anxious to  
go to England and negotiate on this  
business

business and we should therefore be  
very glad if you could look into  
the matter and ascertain exactly  
how the patents stand, and how  
some arrangement could be brought  
about with reference to their pooling.

Yours very truly  
C. H. Foster

DREXEL MORGAN & CO.  
Wall St. Corner Broad.  
New York.  
DREXEL & CO.  
Philadelphia.  
DREXEL HARTES & CO.  
Paris.

New York Oct 5 1885

Samuel Insull, Esq,  
65, 5<sup>th</sup> Ave  
City

Dear Sir,

Will you kindly lend me  
Mr. Glison's copies of the Agreements  
between him and Daniel Morgan & Co  
relating to Great Britain, Norway,  
Sweden & Portugal, together with  
any papers that are connected with  
the subject. I find that all our  
papers are in England and as I  
want to refer to them I have to  
call on you. I promised to return  
them safely in a few days.

Yours very truly  
C. H. Foster

Deuel, Morgan & Co.

P.O. Box 3036.

New York Feb 14 1885.

My dear Sir,

I would urge  
upon you the importance  
of giving me at the earliest  
possible moment the infor-  
-mation abt English and other  
European Pat. patents. Delay  
may defeat a possible ar-  
-rangement, which Mr. Edison  
tells me would be very agree-  
-able to him.

Very truly yrs

C. H. Foster

Saml. Ingham Esq

Dracut, Morgan & Co.

P.O. Box 3036.

New York Mch 4 1885.

Saml. Ingham Esq.

My dear Sir,  
I return  
with thanks all the papers  
relating to Continental  
business.

Can you give me  
Mr. Edison's address? I want  
to send him an important  
telegram regarding English  
railway patents.

Very truly yrs.  
Chas. C. Foster  
I am much  
obliged for the attention you  
have given this matter. CCF

DREXEL MORGAN & CO.  
Wall St. Corner Broad.  
New York.  
DREXEL & CO.  
Philadelphia.  
DREXEL HANES & CO.  
Paris.

New York Mar 4 1885

Sam'l Insull Esq  
65 Fifth Ave  
City

Dear Sir, I herewith enclose  
copy of the Agreement between  
Messrs Edison, Drexel Morgan  
& Co, Fabbrì, Lowrey & Pomeroy,  
regarding the English Compagnie,  
which you desired me to lend  
you yesterday.

Kindly return same  
at your earliest convenience

& oblige

Yours truly  
C. K. Foster

## 250 12-8

ALL MESSAGES TAKEN BY THIS COMPANY ARE SUBJECT TO THE FOLLOWING TERMS:

[illegible]

THOS. T. ECKERT, General Manager.

**NORVIN GREEN, President**

Receiver's No. \_\_\_\_\_

Time Filed:

Check

Send the following message, subject to the above terms, which are hereby agreed to.

N. Y. Mch. 4 1885

To Thomas A. Edison

Montgomery thinks following perhaps practicable for British railways. Minimum cash price one hundred thousand pounds. He will get more cash if possible, alas greatest possible amount stock. All cash and stock

**READ THE NOTICE AND AGREEMENT AT THE TOP.**

THE WESTERN UNION TELEGRAPH COMPANY

ALL MESSAGES TAKEN BY THIS COMPANY ARE SUBJECT TO THE FOLLOWING TERMS

[illegible]

THOS. T. ECKERT, General Manager.

**NORVIN GREEN.** Brand

Receiver's Name \_\_\_\_\_

Time Used

Check

Send the following message, subject to the above terms, which are hereby agreed to.

188

to be divided half to  
Montgomery other half  
<sup>in three</sup>  
equal shares among  
Edison Knight Bentley  
and Daft patents. We  
think favorably of plan  
but will try to get other  
proportions increased  
and Daft reduced. I'll give  
your views quickly.

C. A. Coster

READ THE NOTICE AND AGREEMENT AT THE TOP.

Form No. 1.

# **THE WESTERN UNION TELEGRAPH COMPANY.**

This Company TRANSMITS and DELIVERES messages only on conditions limiting its liability, which have been assigned to by the sender of the following message. Errors of the kind not resulting only by repeating a message back to the sending station for correction, and the company will not be held liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the delay is caused by the sender writing within many days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

TSOS. N. 21-1885. General Manager (N.Y. Office) J. W. Green, Jr.

NORTH GREEN, President.

| NUMBER  | SENT AT | RECEIVED AT | CHARGE                |
|---|---------|-------------|-----------------------|
| 20  | CO      | 9           | paid via Jacksonville |
| Received at No. 16 Broad St. (Next door to Stock Exchange.) |         |             |                       |
| Dated 5 Mar 1885  |         |             |                       |
| To Samuel Insull  |         |             |                       |
| 65 5th Ave NY   |         |             |                       |
| Am satisfied leave whole matter                             |         |             |                       |
| British railway to coast                                    |         |             |                       |
| Edison  |         |             |                       |

Dracoh. Morgan & Co.

New York Feb. 9/1885.

My dear Mr. Ingham,

I return with  
thanks the 12 papers of  
England and Norway & Sweden,  
which you kindly lent me.  
With thanks

Very truly yrs,

C. M. Foster

Saml. Ingham Esq.

DREXEL MORGAN & CO.  
Wall St. Corner Broad,  
New York.  
DREXEL & CO.  
Philadelphia.  
DREXEL, HARTES & CO.  
Paris.

New York April 14 1885

J. Insull, Esq  
c/o. Thomas Edison, Esq  
65, 5th Ave. City

Dear Sir,

In answer to a letter addressed by us to our representative in London asking for information as to the dates by which certain fees should be paid on Mr Edison's English patents relating to Railways, he refers to a letter which the Secretary of the Edison (or Edison-Swan) Electric Light Co of London wrote Mr Edison last September. Will you kindly send that letter to us and see that we are also furnished with copies of any letters Mr Edison may subsequently receive from that Company. Perhaps the better plan would be for you to write to the Secretary and ask him to address all his ~~communications~~ communications to us so as to ensure their having proper attention.

Yours truly  
Drexel Morgan & Co.

P.S. If possible please send us per  
Boiler the letter above referred to. *Dmrc*

Dear Sir, Did you get that  
second batch of papers back  
from Florida so that Edison  
may sign them.

Will you kindly attend  
to same as soon as possible.

Very truly  
yours  
Ch. Foster  
Ap! 6/85-

Sincerely  
yours

DREXEL MORGAN & CO.  
4011 St. Charles Street,  
New York.  
DREXEL & CO.  
Philadelphia.  
DREXEL, HARRIS & CO.  
Paris.

New York April 7 1885

Saml Insull Esq  
65 Fifth Ave  
City

Dear Sir

As requested by you we have obtained a copy of the Edison Indian & Colonial Agreement and we enclose same herewith.

Please send us a check for cost as follows;

$\$1.157 - @ 5 = \underline{\$8.75}$

The Agreement has never been printed, hence the necessity of getting a written copy.

Yours truly,  
Drexel Morgan & Co.

DREXEL MORGAN & CO.  
Wall St. Corner Broad.  
New York.  
DREXEL & CO.  
Philadelphia.  
DREXEL HARRIS & CO.  
Paris.

New York April 7 1885

Thomas A. Edison, Esq  
15, 5<sup>th</sup> Av.  
City

Dear Sir,

Can you come to our  
office some time before one  
o'clock Wednesday to execute  
the agreement regarding English  
Electric Railways? If you  
cannot come on Wednesday  
before 1 pm please come  
on Thursday.

Yours very truly  
Drexel Morgan & Co.

OKP

DREXEL MORGAN & CO.  
Wall St Corner Broad,  
New York.  
DREXEL & CO.  
Philadelphia.  
DREXEL, HARRIS & CO.  
Paris.

New York April 17 1885

Samuel Insull, Esq  
President

Dear Sir,

I enclose herewith copies of the Agreement which Mr. Edison mailed. Will you kindly have him sign them and then have them signed by the Electric Ry Co., after which please send them to me and I will send them up to the Light Co. for execution with proper explanations.

Kindly give this matter your early attention.

Yours very truly  
Ch. Crocker

Will Mr. Edison please sign these contracts, and then return to me for signature of El. Railway Co.

April 18th, 1885.

Mc. G.

DREXEL MORGAN & CO.  
Wall St. Corner Broad.  
New York.  
DREXEL & CO.  
Philadelphia.  
DREXEL, HARRIS & CO.  
Paris.

New York June 18 1885

Osaka Edison, Esq. Present

My dear Edison:

The number of Railway shares transferred to you from the Light Co. should have been 1666

They only transferred 1333

Leaving due you 333

which I have since had transferred to you, as you will see from the enclosed certificates, which I send you as I believe you in turn wish to transfer it to some of your associates. (Be kind enough to see that I get it back) as arrangements have not yet been made to deliver the certificates and I have borrowed the enclosed from Gent Christensen simply for your convenience.

I had an inquiry yesterday for 100 shares of this Railway stock. Do you want to sell any at \$25 a share. If so perhaps I can place them if you leave authority to do so with me for say a week or 10 days.

Yours very truly

C. Hooper

Memorandum.

From Drexel, Morgan & Co.  
Wall St. corner Broad,  
New York, July 8, 1885.

To Saml Insull Esq Sec  
Central Trust Co  
65 Fifth Avenue

Dear Sir:

Mr Carter has instructed me to  
remind you in regard to a new assignment  
of your Company, to be attached to note due  
Aug 17<sup>th</sup>, and which you promise to  
send us. Kindly send us the same at your  
earliest convenience - oblige D M Cogh





DREXEL MORGAN & CO.  
4 Wall St. Corner Broad.  
New York.  
DREXEL & CO.  
Philadelphia.  
DREXEL, HARRIS & CO.  
Paris.

New York Dec 11 1885

Charles Edison, Esq.  
60, 5th Ave.

City

Dear Sir,

We are in receipt of your favor of  
9th inst, which is noted.

On reconsideration we think it is  
just as well to distribute the certificates  
for the English B shares and we are  
accordingly writing our London agents,  
Mr John Douglas, to put them in  
the proper names and send them to  
us. There will be

|                |              |
|----------------|--------------|
| 1178 shares to | Mr Johnson   |
| 9038           | yourself     |
| 1063           | Mr Batchelor |
| 532            | Mr Upton     |

We will also account to  
Colonel Gouraud for his shares, viz  
1119 from you & ourselves.

We will send you today some  
transfer forms which it is necessary  
for

for you and the other parties above  
named to execute in order to carry  
out the transfer of shares as afore  
stated.

Yours very truly  
Frederick C. Reynolds.

**1885. Edison, T.A. - General (D-85-003)**

This folder contains documents, primarily correspondence, covering a wide variety of subjects. Some of the material relates to personal matters. Also included are documents that deal with more than one subject, such as a letter about both the electric light and the telephone. Documents concerning subjects that do not fall under the main subject categories are also filed in this folder.

Approximately 70 percent of the documents have been filmed. Duplicate copies of correspondence, third-party correspondence unrelated to Edison, and unanswered fan mail have not been filmed. Unsolicited requests for personal favors, for loans and exhibits of inventions, and for information about Edison have not been filmed except in cases where a significant answer has been found.

German Theatre  
NEW YORK

Jan 3/00.

Mr. A. Edison Esq

Dear Sir:

Mr. Steele Mackaye  
informs me that you sent check for \$1.25  
for first installment of subscription to stock  
of The Am. Theatre Building & Managing Co.

Same has not yet come to hand.  
Kindly inform me how it was sent and  
to what address and oblige

Yours truly

  
J. B. Mace  
Treasurer

Editor's Office of The Sun,

New York, *Jan 4,* 188*6*

*File*

Dear Tom:

I think it would  
be a good thing to have the ~~Edi-~~  
~~tor's~~ Electric Light in the Press  
Club instead of the N.S. They  
say the Club owns the wires  
and fixtures. The bulbs are  
like yours. I wish you would  
come down some day, and take  
a look at it - or some night.  
Set your own time & I'll be  
with you.

Yours truly,

*Alfred Cunningham*

P.S. And while you're about  
it you might become a member  
of the Club. \$10 initiation & \$12 a  
year dues - won't break you.



*Burrell & Whitman*  
*Little Falls, N.Y.*

Jan. 5th. 1885.

Mr. Thos. A. Edison,  
65 Fifth Ave., N. Y.,

Dear Sir:-

I was sorry not to meet you when I was in New York. I wished to advise you just what has been accomplished in the separation of cream from milk speedily, my idea being, that with this thing in your mind, and by keeping you thoroughly posted with reference to the state of the art, you would be enabled, sooner or later, to accomplish this much-desired object.

I also desired to show you the model of an engine which I believe you would recognize as a valuable improvement in this department. I know that the Brush Electric Light Co. have adopted the Comer engine, and are manufacturing same, and I believe you think very well of that engine. This new departure is not a rotary or an oscillating engine; it is, in all essential features, just exactly the same as the ordinary reciprocating slide-valve engines, but it has the advantage of being simplified vastly, doing away with many parts, and the working parts all being boxed in, so that it can be run where it is dusty and dirty, &c. It has an automatic cut-off, and the "cards" taken from this engine are better than those that have been taken from most of the best engines of the day.

10 to 50 H. P. engines can probably be made for 1-3 less than other engines of the same capacity, and possibly one-half less. Will you kindly advise if the next time I am in New York, you would like to see the model, and if so, I will call upon you and exhibit it. We have some larger engines completed, one, a 25 H. P. being subjected now, to comparative tests with a very excellent automatic cut-off engine, of the usual style. I remain, wishing you the compliments of the season, and a very happy and prosperous New Year,

Yours very truly,

*D. H. Burrell*

TOMLINSON  
247 Fifth Avenue  
N. Y. 6th Jan'y 85

My dear Tomlinson,  
You will see from  
the fact that Edison  
has sent ~~three~~<sup>two</sup>  
telegramms that he  
is terribly anxious  
that you should  
betake yourself to  
the "Hub" by tonight's  
train (10.30).

Please let me know  
by return whether or  
not you will go.  
In haste, Yours, Howell

PROF. RUPERT SCHMID,  
Portrait Sculptor,  
STUDIO AND EXHIBITION ROOMS,  
No. 349 WEST 13th STREET, CORNER HUDSON STREET.

PORTRAIT BUSTS AND MEDALLION RELIEFS FROM LIFE. PHOTOGRAPH AND DEAD MASKS.

*Designs for Monuments of all descriptions submitted and artistically executed.*

The Professor has graduated with high honors from the Academy of Fine Arts at Munich, with Studios at Paris and late of Rome, Italy, and extends an invitation to all interested.

New York, Jan 12 1885.  
Thomas A. Edison Esq.

Honored Sir,

My husband is ill and  
tells me that I was calling  
at your residence to ask  
you if you have interest  
to get your light at the  
Cooper Monument before  
the Cooper Institute. You  
have been in great hurry  
and I am sorry I could  
not ask you if you liked  
your hands in invitation.

Worship and if you have  
received them in good  
order. Expecting your  
kind reply

Yours with great respect

Beda Smith

THOMAS A. EDISON,  
No. 65 FIFTH AVENUE.

NEW YORK,

20th Jan 1885

Messrs Leggo Bros & Co  
29 Park Row

Dear Sirs,  
Referring to  
your favor of 19th inst  
I am at my laboratory  
every afternoon after  
two o'clock and shall  
be glad to see you there  
(Messrs Bergmann & Co  
297-298 Avenue B corner  
17th St) any day convenient  
to yourselves  
Yours truly

Thos. A. Edison  
2

# PHILADELPHIA LOCAL TELEGRAPH CO.,

HENRY BENTLEY, President.

W. P. WHEATLAND, Secy & Treas.  
SAMUEL H. PLUSH, Cashier.  
HARRISON STILES, Manager.

EXECUTIVE OFFICE.

Gold and Stock Reporting Telegraph, &

No. 107 South Third Street.

This Company will furnish on Correct GOLD and STOCK QUOTATIONS, GOVERNMENT SECURITIES, COTTON, NAVAL STORES, BEANS, PEAS, POTATOES, PROVISIONS, FRUIT & EXCHANGE, and General COMMERCIAL and FINANCIAL NEWS. Reports from all the principal Cities of the United States, and also, from one to three daily from PARIS, LONDON, LIVERPOOL, ANTWERP, FRANKFURT, (GERMANY) etc., etc., to its Subscribers as can be obtained by experienced Reporters, but will not be responsible for any inaccuracies that may arise. We also furnish COMMERCIAL, SHIPPING, and MARINE NEWS REPORTS from all the principal Seaports in NORTH and SOUTH AMERICA, EUROPE, INDIA, CHINA, JAPAN, AUSTRALIA, CUBA, etc., etc., as may be desired.

Philadelphia, 1 month 22/88  
Thos. A. Edison:

My dear friend:

I read your article in the Press and was greatly interested in it, as everybody must have been and it gave this opportunity to thank you for so kindly remembering my early efforts therein. It is true that we laugh at and ridiculed by many telegraphers who are prominent in that day, I cannot but rejoice that I am still about as respectable a sized atom as any of the whole who still survive the unceasing grinding of the mills of the Telegraph Gods. Good luck to you.

Simon B. Butler part 120

Commutator blocks on that little Edison dynamo it works A. 1 and we use it constantly.

Yours friend Humphreys.

New York Jan 28<sup>th</sup> 1885

Mr Thomas A. Edison

Dear Sir & Friend  
yours of the 27<sup>th</sup> with enclosed donation of one  
dollar came to hand and will you please accept my  
heart felt thanks and I hope to get my little home  
by spring and if ever I come due you or favor  
in my poor way please let me know and I will  
be pleased to do so. please accept thanks your  
most grateful servant

John A. Davis  
686 East 158 St  
N. Y. City

*Postmark.*

*Will remove to 25 Clinton Place, about Jan. 25th.*

E. L. KELLOGG & CO., 21 PARK PLACE,  
PUBLISHERS OF  
The School Journal, NEW YORK.

The correspondence of this office being very large, it is necessary to divide matters of short hand writers, dictators, etc., being referred to type, writing machines, etc., grammatical and otherwise, that necessarily come from this, and the most some of these, who require this office is relied on to receive them.

The Teachers' Institute,

Treasure-Trove,

AND

BOOKS FOR TEACHERS.

N. Y. Jan. 31, '85.

Mr. Chas. A. Edison,

I can  
assure you, I  
appreciate your  
kindness in send-  
ing the Magazine.

I thank you very  
much indeed.

Yours truly,  
N. O. Willcutt.

I shall send you a  
marked copy of the  
next issue.

Two phone.

Write & say  
will be there about  
July 25<sup>th</sup> 2.85  
St Augustine Fla  
July 9<sup>th</sup> /85

Mr. Edison,  
Dear Sir:

I have seen a  
few of our merchants who  
wish to have telephones in  
their stores & offices. and  
could you give me the low-  
est rates, with agents' discount  
of say about ten to twenty  
instruments also the price  
of two, and could you give  
me the cost of line wire  
per 100 feet. Also cheap  
insulators. I think I will  
be able to organize a

phone exchange in this city do so. they have not given  
so to connect with Jackson- up the idea as yet, they  
ville, In Jacksonville have several thousand  
they use Bell's telephones dollars on hand now.  
would yours and Bells work I think that they will  
together and which is the be ready the last part of  
cheapest. the season.

I am also getting up an Mr. Edison does Mr. Bay-  
Electric Burglar Alarm Sys- man get up Burglar Alarm?  
tem, can you give me any could he supply me with  
advice on it, one of our what we need?  
merchants was robbed can it be done on one wire?  
of a few nights ago of or would it be better to have  
about - \$2,000 and the people a wire from each store,  
like the idea of an alarm I had an idea that one  
system like they have in wire would do, and at each  
New York City only on a store have a wheel with  
smaller scale, to be run by clock work  
with Morse letters on it

Dr. Alexander did not go on to N.Y. as he ex-  
pected to as business would not allow him to

and when it revolves it would ring out the name of the store at the store.

local station, and each  
station could have its call  
I would have to run a  
closed circuit -  
and when the connection  
is broken the alarm is given.  
Would that - work in  
Edison -

Yours respectfully  
Theodore Whitney  
St. Augustine  
Fla.

THOMAS A. EDISON,  
Central Station, Construction Dept.,  
No. 65 FIFTH AVENUE,

(1885-02-11)

Form L 1000-4-31-94.

Phos Whitney has one at St Augustine in his care -  
New York, \_\_\_\_\_ 188

Innall -

Do you remember if my gun  
was returned by Express from  
St Augustine If not telegraph as  
follows Theodore Whitney St Augustine  
Have you my ~~rifle~~ Winchester rifle  
there if so keep until I arrive  
answer paid - also I want  
to borrow of you and Johnson  
your rifle - one is for Bill the other  
for Madden say Bell Co well You  
have them sent to office and also  
40 boxes of cartridges to fit, we are  
going to get some fishing rods etc & will  
have them packed & sent by Express to  
St Augustine Co. be called for - answer  
if you can help it Edison



Form No. 1.

1885-02-11

**THE WESTERN UNION TELEGRAPH COMPANY.**

THE COMPANY TRANSMITS AND DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. The sender of a message applies itself by depositing a message book in the Western Union Telegraph Company, and the company will not hold itself liable for any message transmitted or delivery of Unrepeated Messages, beyond the amount of tolls and service, nor in any case where the claim is not presented by the sender within sixty days after sending the message.

THIS IS AN UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

NORVIN GREEN, President.

| NUMBER | SENT BY  | RECEIVED BY | CHECK |
|--------|----------|-------------|-------|
| 1      | W. C. H. | 5           |       |

Received at the WESTERN UNION BUILDING, **No. 8 WEST 23d ST.** 1885

Directed to *Mrs. C. A. H.*

To *J. A. Edison*

*39 East 18th St*

*One rifle and cartridges*  
*here*

*C. A. H. Clev*

E. T. Gilliland,  
Boston.

101 Milk St. February 11<sup>th</sup> 1885.

Thomas A. Edison, Esq.

New York, N.Y.

My Dear Edison:

Yours of Wednesday was duly received. I have applied for a patent on the elevated-gate signal. I received a letter from the Ansonia people, and have requested them to send samples. Have Tomlinson press the papers for the company, as much as possible, as they are working that thing, and I understand they are making considerable money out of it. They propose to give an exhibition of it in a few days, and are sending out passes to all the prominent electrical men. Can't you send some one to make the trip on the train. Yours truly, E. T. Gilliland



IN REPLY TO YOURS OF

New York, Feb. 11 1885

Thos. A. Edison Esq.  
New York City.

Dear Sir:

We are in receipt of your testimonial as to the time-keeping qualities of the Waterbury when used around dynamo for which accept our thanks.

Understanding that you have lost the watch previously earned, we take the liberty of sending you another with the expectation that this one will do more than keep reasonably perfect time - prove to be an excellent time-keeper.

Very respectfully,  
The Waterbury Watch Co.

Office of  
The Electrical Supply Co.  
Manufacturers of  
Electrical Goods.

Factory,  
Aurora, Ill.

1507 1/2 Lake Street

Chicago, Ill. 1st 1885

Prof. Nathl A. Edison

Have referred this  
letter to E. H. G.  
The convention seems to be  
all over E

Dear Sir,

We, a committee having  
the matter in charge, invite you to  
read a paper at the convention of  
Electrical Engineers of the United States and  
Canada to be held in this city on  
July 25. We most earnestly hope that  
the matter will receive your prompt  
and favorable attention and the topic of  
your paper forwarded to us without  
delay

Respectfully, Yours

E. H. G.

F. J. Perry

Geo. A. Balaban

} Committee.

Subject \_\_\_\_\_

Enclosed communication

Wm. R. DRIVER, Treasurer.

WM. FORBES, President.

**THE AMERICAN BELL TELEPHONE CO.**

THOS. H. VAIL, General Manager.

Nº 95 MILK STREET.

P. O. DRAWER 2.

*File*

*Boston, February 26<sup>th</sup> 1885.*

*Very truly yours,*

No. \_\_\_\_\_

Thomas A. Edison, Esq.

New York

N.Y.

Dear Sir:

Enclosed a letter from  
Mr. Fay of the Chicago Telephone Co.,  
-also one from his friend Blat-  
ford. I have said to him  
that you were about perfecting  
such a device. Please place  
these letters on file -and when the  
invention is completed, notify them  
-and greatly oblige.

*Very truly,*

C. F. Chandler

*Sup't. mail Dept.*

[ENCLOSURE]

Form 22, 10 M. 225-74.

CHICAGO TELEPHONE CO.

C. N. FAY,

General Manager.

H. J. WATSON, Sec'y and Treas.  
H. C. BROWN, Superintendent.

CHICAGO, February 11th, 1885

E. T. Gilliland Esq.,

95 Milk St., Boston, Mass.

Dear Sir:-

The gentleman who writes this letter is a very nice man, a friend of mine, and I would like to inform him upon the subject of his letter.

Do you know of any experiments in this direction?

Yours truly,



F<sup>13</sup>

Enc<sup>14</sup>

Form No. 44.

## NIGHT MESSAGE.

1885-02-24

## THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been made known to the sender of this message. Errors can be guarded against only by repeating a message back to the sender before it is sent, and the Company will not hold itself responsible for errors in transmission or delivery of Unrepeated Night Messages, sent at night, except in case of a manifest error, and a sum equal to ten times the ordinary rate for transmission in any case where the claim is not supported in writing within three days after sending the message.

This is an UNREPEATED NIGHT MESSAGE, and is delivered by express of this office, under the conditions named above.

THOS. T. ECKERT, General Manager. ROBTIN GREEN, President.

| NUMBER | SENT BY | RECEIVED BY | CHECK |
|--------|---------|-------------|-------|
| 0327   | C.C.    | R.R. G. Adm | 1A    |

Received at the WESTERN UNION BUILDING, 195 Broadway, N. Y. Feb 24 1885

Dated Chicago 23

To Samuel Insull

" " 65 3rd Ave NY

Will be at St Nicholas Hotel

Cincinnati until Wednesday evening

Edison

New York, February 24th, 1885.

My Dear Edison:-

After you left town I was very sick indeed and was absolutely unable to attend to any business until the day before yesterday. My Doctor was very much afraid that I would have pneumonia, but I have got through the most serious part of my severe cold and shall doubtless be all right in a few days, if I take decent care of myself.

STOCK PRINTER. As soon as I was able to get down town I called on Mr. David Seligman, and he told me that owing to the holidays intervening practically nothing had been done with relation to the stock printer since you left. He expected, however, to get matters in shape in the course of a few days, and I do not doubt but what business will result. A few days before you left you told me there was a great deal I might do in connection with the stock printer in the way of preliminary work, so as to be able to push the matter actively immediately you returned. Will you please send me a memorandum of the various matters that I can look up! Do you think it advisable for Lenny to go ahead and experiment with a seven dot letter? If so, will you please let me have your ideas on the subject, so that I can Lenny, or do you want any experiments conducted with a view to improving the shape of the letters and figures of the fine line printer.

I am, through Russell, operating on the Police and Fire Departments, with a view to getting them to consider a bid for putting their wires underground. I expect to go over to Philadelphia to see Mr. Bentley early next week, with a view to getting him to

T.A.R.2.

2

consider the matter of putting his wires underground. Iruosi is of course unable to do anything in the way of laying at present, as we are having pretty severe weather here. In fact the earth at the moment is covered with quite a large amount of snow, and the frost is entirely too severe to allow of his starting his work. His tubes, however, are practically finished. To-day he got about three parts of the copper for his large Milan order.

AUTOMATIC. I understand that Bonanza Mackey leaves Paris for New York about the last day of this month. Can we not bring to his notice the Automatic, and with this end in view have you any suggestion to make as to Henry conducting some experiments, with the object of getting things in good shape. I understand that Mackey will favorably entertain some deal about the stock printer should the Seligmans retire, and I think it would be a really good thing if, at the same time, we could make some arrangement with him, with a view to putting your own letter Automatic on the lines of the Postal Telegraph Co.

RAILROAD TELEGRAPHS. I enclose you herewith copy of a report which I have got from Bradstreet's on the "Phelps Induction Telegraph Co.", of which Cheever is the main promoter. From this you will see that Cheever's Company has not raised any large amount of money so far. In fact they have simply put stock in the hands of Trustees to sell, in order to provide them with capital, and you may depend upon it that their present exhibitions are made with a view to "boosting" up their stock and so enable them to dispose of it. I received a letter a few days ago, addressed to

T.A.R.P.

3

you, from Cheever, drawing your attention to the fact that "The Railroad Telegraph Co." (which I imagine is one and the same thing as the Phelps Induction Telegraph Co.) was incorporated in August, 1884, and Cheever asks that you will have the name of our Company, which is "The Railroad Telegraph & Telephone Co.", altered, as the two names are so much alike. Tomlinson says that, as a matter of law, there is no reason why we should alter our name, but as a matter of courtesy he presumes we should do so. Will you please let me have your ideas on this subject. Will you also let me have some suggestions as to the methods I had better pursue, with a view to drawing public attention to our inventions. If you were here I should propose doing this by means of an interview with yourself, but your being absent makes the matter rather difficult to deal with. I presume our object should be to so draw attention to our Company, as to prevent Cheever from selling the stock of his Company, and thus compel him to make a deal with us, but I am in somewhat of a quandary to know what course I should pursue with a view to arriving at this desirable result.

ORE MILLING. You may remember that some time back the people backing Connolly in his experiments opened some negotiations for a deal, by which they could get control of the ore separator, so far as the separating of iron sand is concerned. They have come to me within the last day or two, and the enclosed letter from them (William Hall & Co.) is the result of my conversations with them. You will see that this proposition guarantees a minimum income to the Ore Milling Co. of \$1,000. for 1885, \$2,500. for

1886, \$3,500. for 1887 and \$3,000. for 1888. You must remember that this income is only minimum, and that Bell & Co. anticipate separating quite a good deal of sand, and in fact pushing the business for all it is worth. They start on 25 cents per ton royalty and end up with 10 cents per ton, so that in order for us to get above \$5,000. in the fourth year they have got to turn out upwards of 50,000 tons of pure iron sand. I think that the price which they propose depositing for each machine (\$400.) is amply sufficient. In your first negotiations with them you mentioned \$300. I must have your opinion on this matter immediately. I want you to read Bell & Co.'s letter very carefully, and to write me fully on the subject, as should you be agreeable to their proposition I am going to the Cuttings' and get them to agree and close up a deal immediately with these people. They mean business. They think they have a splendid thing in Connolly's process for making the sand into blocks, and they are going to push the matter for all it is worth. This matter not only means business to the Ore Milling Co., and a certain income to cover their current expenses, pending your producing results in connection with the working of precious ores, but it also means work for the Machine Works, as the Ore Milling Co. have not only to get ore separators from the Machine Works, but Bell & Co. propose buying our dynamos. I want to know what size dynamo will charge two separators, and also what size will be used for charging three, four and six separators respectively. I have got to quote prices for dynamos to Bell & Co. to use in connection with these separators, providing a deal is made with them. Should shop prices

be quoted? I notice in your previous negotiations with them that no profit beyond the Machine Works profit was put on the dynamos. One thing I like about this ~~proposed~~ proposed contract is that unless we get our money each year the contract is void. If we believe in the business of working the iron sands, providing the royalty is sufficient, I do not think that we can very well object to making the contract, as Bell & Co. will push the business, in connection with Connolly's new patent (which I understand is a very good one), and if they make money out of it we are bound to. They propose first of all working on the Rhode Island Coast, with a view to getting all their apparatus in perfect order, but immediately they close an arrangement with us they propose getting the control of all the Canadian deposits of sand, and later on they will get control of that on the Pacific Coast.

You will notice that Bell & Co. only propose to deal with the United States and Canada, but in talking to me they stated that should their home venture prove successful they propose going further afield and working the deposits in New Zealand and Norway and Sweden. If you decide to make the arrangement with them, which they propose and which is decidedly better, so far as policy is concerned, than the first proposition they made me, would it not be well to see if we cannot manage to get some kind of a patent in New Zealand and Norway and Sweden, with a view to being in a good position should Bell & Co. eventually decide to work in these countries. I cannot impress upon you too strongly that this matter requires immediate action, and I trust you will answer

the various points in my letter fully, and immediately you get this.

LIGHT BUSINESS. The Isolated business is just as dull as when you left. It shows no improvement at all. The test tool placed at the "Chelsea" Plants on the United States plant, and they were not able to get more than from five to six lamps per horse power, notwithstanding that the U. S. people had guaranteed ten. What will be done in the matter is not known yet. I understand that exactly the same results were obtained from a plant in Philadelphia installed by the U. S. Co.

Hatchelor is still negotiating with Coster as to your various claims, but as Hatchelor will write you about this himself, I do not consider it necessary to go into the matter.

I was round at 14th. Street yesterday, and I understand that Tommy is very much better, and that he will be home in about a week.

Hoping you are having a good time and benefiting from the vacation, I remain,

Very sincerely yours,

Samuel Insull

## THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to be the order of the following message. In the event of any delay or error in the transmission or delivery of a message, the sender or the addressee, as the case may be, shall be held responsible for any loss or damage. The company will not hold itself liable for errors or delays in the transmission or delivery of a message, except in the case of a message transmitted by the company, and in any case where the claim is not presented in writing within five days after the date of the transmission of the message. Beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within five days after the date of the transmission of the message.

THIS IS AN UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

NORVIN GREEN, President.

| NUMBER | SENT BY | RECD BY | CHECK |
|--------|---------|---------|-------|
| B145   | GA      | F       | 15 PM |

Received at the WESTERN UNION BUILDING, 196 Broadway, N. Y. Feb 28. 1885

Dated Exposition Grounds New Orleans. 28.

To Sam'l Insull

65 Fifth Ave NY

7  
 Forget Spring Over = Coat Send  
 by Express quick Donmarco Hotel  
 Augustine duplicate Your letter there,  
 also Edison

## THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to be the order of the following message. In the event of any delay or error in the transmission or delivery of a message, the sender or the addressee, as the case may be, shall be held responsible for any loss or damage. The company will not hold itself liable for errors or delays in the transmission or delivery of a message, except in the case of a message transmitted by the company, and in any case where the claim is not presented in writing within five days after the date of the transmission of the message. Beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within five days after the date of the transmission of the message.

THIS IS AN UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

NORVIN GREEN, President.

| NUMBER | SENT BY | RECD BY | CHECK                       |
|--------|---------|---------|-----------------------------|
| 13C    | D       | R       | 10 Collect via Jacksonville |

Received at No. 16 Broad St. (Next door to Stock Exchange.)

5 Mar 1885

Dated Augustine Fla 5

To Sam'l Insull Private Secy

65 - 5th Ave

NY.

Mr Edison at Jacksonville exps  
 be here today or tomorrow

Cricklow Ings

Form No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the message. Errors can be corrected only by repeating a message back to the sending station for correction, and the company is not responsible for delays in transmission or delivery of Unrepeated Messages, beyond the amount of time paid therefor, or in any case exceeds the time paid therefor. This Day is the DELIVERED MESSAGE, and is delivered by request of the sender, under the conditions stated above.

THOMAS T. MCKEHT, General Manager.

NORVING GREEN, President.

| NUMBER | SENT BY | RECD BY | CHARGE           |
|--------|---------|---------|------------------|
| 41     | asusmx  | Wpaire  | Pia Jacksonville |

Received at the WESTERN UNION BUILDING, 186 Broadway, New York, March 6 1885

Dated St Augustine Fla 6

To Caird Smull

bes. 5th are my

Nobody here Capable drawing flowers

prepare them and mail only

take two days reach here

Edison

*Edison*  
Edward P. Thompson.  
Expert  
Patent Attorney.  
Removed to  
ELECTRICAL WORLD,  
6 Murray Street, New York.

me 6 18  
27  
19  
Mar. 14 '83.

Mr. A. Edison, Esq.,

Dear Sir,

Having had the pleasure  
of meeting you through a  
letter from Prof. Thurston,  
I take the liberty of  
asking you a favor  
which you may be  
able to grant without  
inconvenience.

I think of publishing  
my late series of arti-  
cles (in the "World" at present)  
in book form in a few  
months [Subject: Analytical & Systematic  
Method of Inventing].

If you happened to  
have read or noticed

 Edward P. Thompson.  
Expert  
Patent Attorney.  
Removed to 9 Murray Street,  
ELECTRICITY WORLD,  
9 Murray Street, New York.

(2)

them with interest  
and can say anything  
in their favor and  
would recommend  
their publication in a  
book form, it would  
be a great favor to  
me as upon that  
subject you are of  
course in the opinion  
of all (Americans at least)  
the best authority.

I leave the matter  
of course to your own  
pleasure.

Yours Respy,  
E. P. Thompson.  
See next page.

 Edward P. Thompson.  
Expert  
Patent Attorney.  
Removed to  
101 Murray Street,  
New York.  
**ELECTRICAL WORLD,**  
101 Murray Street, New York.

(3)

P.S.

The following  
articles will in-  
clude a few more  
scientific principles  
adapted to be applied  
to original inventions,  
and a second set  
of principles classified  
under the heads

Automatic,  
Adjustable,  
Detachable,  
Replaceable,  
Combination &c.

E. P. T.

Chicago 15 March 1885.

Th. E. Edison Esq.



Dear Sir:

You probably will remember my attempt, assisted by our friend Reményi, to effect through Mr. Henry E. Abbey the organization of German Opera in the Metropolitan Opera House. I am advised by Frau Materna and her husband Dr. Carl Friedrich, to resume my old occupation of operatic leader, and to offer my services as musical director of the Metropolitan Opera House to the Board of Directors. I have done this, and together

If you are acquainted with any of these gentlemen,  
you can greatly assist me in procuring the  
fulfillment of my desire by expressing to  
them the hope I entertain of being a candidate  
for the position; and it is for the purpose of  
making the request that you will do so that  
I write.

Yours very truly  
Julius Fuchs.

195 La Salle Ave.

With my letter to the Board,  
addressed to Mr. Ed. C. Stanton,  
the Secretary, have inclosed letters  
written to me by Wagner, Lutz  
and Jensen, programmes and the  
Musical "Concertation Service" of  
Mendel, and also printed excerpts  
from my lectures on Music.

Mr. Jos. W. Drexel will use his  
influence in my behalf; but, unfortun-  
ately, I am not personally acquainted  
with any other members of the  
board of directors. Messrs. A. Tschin,  
E. C. Horn, Wm Vanderbilt, Rob. P.  
Gillies, Geo. H. Warren, Geo. P.  
Wittmore, W. C. Whitney, Luther  
Kountze and James A. Roosevelt  
the President.

ST. PAUL, MINNEAPOLIS & MANITOBA RY CO.,  
GENERAL AGENT'S OFFICE.

P. 568.

JAMES E. SMITH,  
General Agent,  
Union Depot.

MINNEAPOLIS, MINN.

March 27<sup>th</sup> 1885

Mrs. A. Edison Esq.  
Mendota Park.

Newark, New Jersey.

Dear Sir:

I suppose you will recognize the familiar appearance of the subscriber's uncommon family name; if you do, I trust to send me your correct address should this happen to reach you.

I think you would also please tell me where J. A. McKenzie now is? I want to make a demand upon you for an electric novelty. write me if but a line  
Yours truly,

J. E. Smith

1885-03-30



Burrell & Whitman,

Little Falls, N.Y. Mar. 30th. 1885.

Mr. Thos. A. Edison,  
65 Fifth Ave., N. Y.,  
My Dear Sir:-

A Frenchman, Mons. Tichenor, has taken out a patent in France, for a device for making butter by electricity. Milk is introduced into a vessel of special form, and in it is placed a pair of electrodes, and the electric current is thus passed through the milk. Butter is formed in little balls on one of the electrodes and it is said to extract the butter from 45 litres of milk, the current from a dynamo-machine for about 3 to 5 minutes, equal to about 40 daniells, being all that is required. With such a current, the balls of butter are sufficiently voluminous to detach themselves from the electrode, and float to the surface of the milk. The butter is then gathered and worked, just as in ordinary churned butter.

Now, my dear sir, as I called your attention to this matter two years ago or so, and have been urging its importance upon you, desiring to work with you in developing this interest, I earnestly hope that we together can get control of this invention, for the United States, if it has been patented in this country, and also that you will give this matter consideration and make such experiments as shall suggest themselves to you, for perfecting and improving the process.

I have already written to Paris to find out who this M. Tichenor is, his address, &c. Have also sent to Washington to see if he has applied for a patent in this country, and have directed my attorney to immediately obtain a copy of the French patent, and send to me.

If Mr. Edison is not at home, we hope that his Private Secretary will please send one of the copies of this letter herewith enclosed, to Mr. Edison, whom, we understand, is now in Florida. This interest is too immense to be neglected. Can we have the assurance that Mr. Edison will give this matter attention?

Faithfully yours,  
D. H. Burrell.

D. H. Burrell

Edward P. Thompson,  
Expert,  
& Patent Attorney.  
Removed 23 West  
ELECTRICAL WORLD,  
9 Murray Street, New York.

April 2 '85

Thomas A. Edison, Esq.,  
65 5th Ave.,

New York,  
Dear Sir,

Your offer to read  
my article on inven-  
ting received with  
thanks.

After the next  
issue I will send  
the article cut out and  
arranged on sheets of  
paper conveniently for  
reference, together with  
advance proof sheets if  
possible. Yours Respy,  
Edward P. Thompson.

AQUEDUCT COMMISSIONERS

I have a very good opportunity at the present  
 moment to get a suitable <sup>Tarrytown, N. Y.</sup> <sup>April 4th</sup> <sup>1880</sup>  
 position. I decided to be carried  
 with U. S. Express for Coalminers but  
 I do not wish to be carried. I want you to  
 let you know when you read.

a plumbing of fine plates was carried on, and in  
 our Suburban Park, and in all other  
 visible, if you had a Dynamometer or Electric light  
 ground surveyor, General, a small incre-  
 ment of lamp, the morning in the Lab, with  
 a battery carried some where about the per-  
 son, could be a very large and painted  
 and I take the liberty of writing to ask  
 you for information in the matter of  
 such lamps are manufactured, could you  
 tell me where to find them; and if they are  
 not made, could not construct a  
 kind of magnifying glass out of plain  
 glass?

Might not, also, some contrivance be made, by means of which, a plum-bine would be rendered inaudible; for instance, by the insertion of a small piece of platinum wire (or some less costly metal, if possible), in the line?

Trusting that I am not trespassing too

BENJAMIN S. CHURCH, Chief Engineer  
A. FTELEY, Executive Engineer,  
et. S. CRAVEN, Engineer of Construction.

OFFICE OF CHIEF ENGINEER,

AQUEDUCT COMMISSIONERS,

Tarrytown, N. Y., ..... 188.....

Much upon your valuable time, and that  
you will kindly give me the information  
I seek, believe me

Very Respectfully,

*[Signature]*  
Chas. J. Flourens.

1885-04-06

## MAGNOLIA HOTEL,

W. M. Palmer, Proprietor.

St. Augustine, Fla., April 6<sup>th</sup> 1885

Mr Edison

Dear Sir

The reason that I did write you at Tampa was. when I received your letters I had not the time to answer and when I did, I did not think my letter would reach you. I am sorry that the guns delayed your trip so I am sure Mr Edison that it was not my ~~fault~~ fault before you left you told the Agent to ship them to Cedar Keys and I told him also that evening, he said that he would attend to it, the next morning I was out delivering and came in just in time to get what express he had ready and catch the train I did not think of your boxes until I got nearly to the

depot, when I came back I asked him about it, he said that he was very sorry and that he was so busy he forgot them, and shipped them by next train. I hope the delay did not mar your pleasure and that you all enjoyed your selves.

I heard that you had gone back to New York so I thought that I would write you there and let you know that it was not my fault that your guns were delayed I would have written to you before but did not know where a letter would reach you until I heard that you were in N.Y.

Yours respectfully  
~~Edward~~  
Edward

J.P.R. have been  
Muller sent June  
Port Street

A. S. Fernald Service  
Washington D.C.  
April 7 1884

Thos. A. Edison Esq  
60 St. Matthews

I have  
Dear Sir,

Yours of March  
30<sup>th</sup> is at hand & I am very greatly  
obliged to you for the trouble you  
have taken in the matter of the  
Carbon buttons & I suppose the copper-  
plating must be given up. Could you  
send me 10 or 12 of the buttons (if you have  
a considerable number at hand) - in their "as  
condition" - I want to continue the  
resistance experiments; very soon now - I  
can form the buttons? - Could they be  
put in a water under water - to French despatch  
and return by mail? -  
I have address one as above - as  
I am no longer in Columbus O.  
Truly yours  
T. C. Mendenhall.



U. S. POSTS.

# The Baltimore & Ohio Telegraph Company

U. S. PAT. NO. 12,284

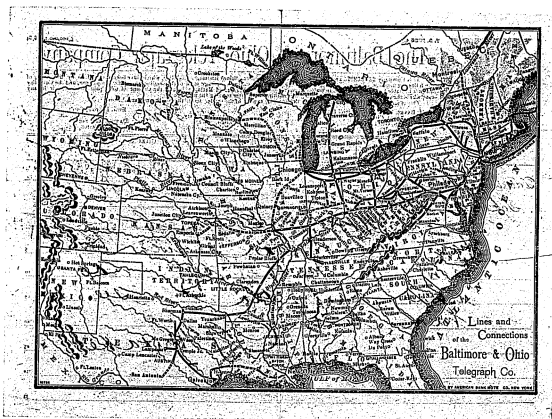
This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assented to by the sender of the following message. Senders can be guaranteed against loss by depositing a message book to the sending station for comparison, and the Company does not become liable for errors or delays in transmission or delivery of messages, beyond the amount of value paid therefor; nor is any case where the claim is not presented in writing within thirty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

R. H. (SILVER CO.)  
New York City.  
C. S. (SILVER CO.)  
Baltimore, Md.

Edw. L. (SILVER CO.)  
New Orleans, La.  
David Hall, (SILVER CO.)  
Chattanooga, Tenn.

| NUMBER                 | SENT BY | RECEIVED BY | CHECK                       |
|------------------------|---------|-------------|-----------------------------|
| 129                    | J. H.   | no. 17      | 17017                       |
| Dated. Boston          |         | Rec'd at    | 651 BROADWAY.               |
| To. Daniel Ince        |         |             | 11/8 188                    |
| Re. Mr. Edison         |         |             | has Mr. Edison arrived home |
| from the South yet and |         |             | what day can I see          |
| him best               |         |             | O. J. Whitaker              |



Lines and  
Connections  
of the  
Baltimore & Ohio  
Telegraph Co.

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THOMAS A. EDISON,  
No. 65 FIFTH AVENUE.

NEW YORK, April 9<sup>th</sup> 1885

John. F. Ott Esq/  
292 Avenue B  
City

Dear Sir

Please ship to

N. C. Mendenhall

U. S. Signal Service

Washington

D. C.

12 Carbon buttons as quickly/  
as possible and advise me when  
shipped and greatly oblige

Very truly

Thos. A. Edison

Randolph

Shipped April 9 85

Ott

OFFICE OF  
**THE MCNULTY PARK**

Manufacturing Company.

6 CEDAR STREET, NEW YORK



New York, Boston 9. a.m. 1885

Thomas A. Edison Esq.

65. 5th Avenue N.Y.

Dear Sir,

I find Mr. Inceall yesterday asking if you had returned from the South. I should have an interview with you. But I have no reply.

Thinking perhaps he might be absent just at this time - I write you, asking if you can name a day, when I can meet you in New York.

Res. Yrs.

C. A. Whitaker  
Pres.

OFFICE OF  
**THE MCINTOSH PARK**

Manufacturing Company.



100 COLDEN STREET

~~New York~~ Boston Apr 18 1885

Thos. A. Edison Esq.

65. 5th Avenue N.Y.

Dear Sir.

I shall be in New York  
on Wednesday unless called at  
your place between 12<sup>30</sup> & 1.00  
noon. Trusting I may  
meet you there

Yours

Faithfully  
C. F. McIntosh  
Thos.

MASSACHUSETTS INSTITUTE  
OF TECHNOLOGY.

Boston, April 1<sup>st</sup> 1885.

Mr. Thomas A. Edison.

Dear Sir:

As a student of this Institute, next year choosing my profession which settles my future, and yet undecided which of the whole Electrical, Mechanical, or Civil Engineering it is best for me to enter, I presume to write you and would consider it a great favor if you will be so kind as to inform me what you believe the future of electricity is to be.

Do you think that by the time I graduate, three years hence, so many will have entered the field that the supply of electricians will exceed the demand.

Trusting your time and patience will allow a reply to my somewhat presumptuous inquiries, I remain, with much respect

Yours very truly  
Edgar T. Dutton.

103 Haverly place

New York April 19, 1885.

Thos. A. Edison Esq

New York

Dear Sir: I called at your office some time ago, with a letter of introduction from Capt. J. H. McDonald - Atty. of Washington D.C. and learned that you were then in Fla. Finding that you have now returned, I shall call again in a few days, and hope to meet you.

Avoid from the general curiosity (which I share) to meet a man whose researches have rendered his name famous throughout the world - and too deeply impressed as regards the magnitude of his achievements, the rapid succession of useful and successful inventions, and the age at which his fame is established - I desire to call your attention to a proposed system of Automatic Railroad signals for railways, that possesses some new features, which are the subject of Letters Patent granted to me and issued March 30, 85.

The invention may fairly be said to have passed the experimental stage, and is now practically - ready for the market; but I am unable to do any thing with it without assistance, and for such assistance

am willing to give liberal compensation  
in stock of the concern.

I have the liberty of mailing to you  
a pamphlet just prepared, which gives  
a brief and hope intelligible description  
of my invention. This pamphlet was  
prepared, primarily, for one in England, by  
Col John Swaine whose name and address  
are appended. He is an Englishman  
of means and influence, who has had  
several years' successful experience  
in the management of important and  
extensive railway interests - and who  
owns a one fourth interest in my  
invention. He is ready to meet his  
share of any expenses necessary to push it  
on the market.

I may say further that I have a model  
to be completed in a few days - which,  
with my patent, I shall be glad to exhibit  
to you, if you deem the matter worthy  
your further attention, or that of your  
associates. I would be glad to have  
you reply in person, and vice versa for that  
purpose if you would kindly permit me  
to do so.

Yours

Very Respectfully  
Wm. G. Watrous

103 Haverly Place  
New York April 26/85.  
Prof<sup>r</sup> Thomas Ch. Edison  
New York.

Dear Sir:

On thinking over the valuable suggestion  
you so kindly gave me yesterday, an  
interview with Prof<sup>r</sup> Dudley of the  
Pa. R.R. whom you mentioned, seems  
to me particularly desirable.

As a courtesy to you he would readily  
grant me a hearing which if sought  
without introduction he would probably  
decline. Will you oblige me by giving  
me a note to him simply asking that  
courtesy in my behalf?

I cannot ask you to endorse either  
me or my intentions, but it has occurred  
to me that you might not object to give  
such a note as would secure the desired  
interview, and leave me to take care of  
the result.

Your compliance with the request  
will exceedingly oblige

Very Respectfully  
Yours obt. servant  
Wm. G. Hallen

10

E. T. Gilliland,  
Boston.

Enclosure

101 Milk St. April 27<sup>th</sup> 1885.

Thomas A. Edison, Esq.

New York N.Y.

Dear Sir:

I enclose herewith some figures showing the curvature of the earth. I was about right - as actually it is about .571 feet for one mile, or about seven inches.

The table enclosed shows about what we would have to do in long distance telegraphing by induction. You must remember that it is a pretty good wire that can stand five miles of its own weight, probably nothing but the best of steel would do so. On the back of the enclosed, I give you the rule for working this out.

Yours truly,  
E. T. Gilliland

[ENCLOSURE]

| Miles between<br>stations | Elevation of each<br>station, feet |
|---------------------------|------------------------------------|
| 1                         | 0.16                               |
| 50                        | 400.                               |
| 100                       | 1600.                              |
| 200                       | 6400                               |
| 300                       | 14,400                             |
| 500                       | 40,000                             |



London Tel. Telephone  
No. 271225  
Mechanical Dept.

[ENCLOSURE]

Approximate rule for finding curvature of the earth (quite accurate for moderate distances) from Seale's Field Engineering p. 186.

Elevation equals the square of the distance divided by the earth's diameter.

Referring to the figure on opposite side  $CE = \frac{BC^2}{7922 \text{ miles}}$

Distance used in calculation is half the distance between two equally elevated stations.

Recd. 5.15 p.m. Co.  
6/10/27-1888

Riversview  
Academy,

Mr. Edison,

I am laying out my plans  
to spend the summer in England  
and I would like to go introduced,  
if possible, to some one over there.  
Now if you have not altogether  
forgotten the "Professor", or if you  
don't think him a disreputable  
fellow, or if it is not out of your  
habit etc, etc, you could do me a  
very great favor by giving me a line  
to someone over there of whom I  
might borrow a quarter if I were  
hard up.

I am slightly acquainted with  
Prof. S. P. Thompson, whom I met at

Montreal during the B.A.A.S. meeting,  
but it would be cheeky in me to  
claim acquaintance, and outside of  
that I don't know a soul.

I hope the request is not too  
presumptuous and if it is, I beg  
your pardon.

When your son gets old enough  
to send away to school, I'll be  
glad to give him my attention  
should you see fit to send him  
here, and in some way repay your  
kindnesses to me -

Respectfully

Charles L. Bristol

Po'kepsie

April 29-1885.

Puskas.

BERGMANN & CO.  
ELECTRICAL WORKS,  
Patentees and authorized Manufacturers of  
EDISON ELECTRIC LIGHT FIXTURES AND APPLIANCES,

COMBINATION (Electric Light and Gas) FIXTURES A SPECIALTY.  
DESIGNS AND ESTIMATES FURNISHED ON APPLICATION.

The Most Complete Facilities for all kinds of Electrical Work.

292, 294, 296 AND 298 AVENUE B,

*New York, 29<sup>th</sup> April 1885*  
Senator Robt. B. Roosevelt  
c/o Cornelius Roosevelt Esq  
West 18<sup>th</sup> Street

Dear Sir

I understand that Mr  
Theodore Puskas is anxious to  
obtain the appointment of United  
States Consul at Buda-Pesth. If  
you can do anything to further  
Mr Puskas' wishes in this  
matter I shall <sup>extremely</sup> be glad. I have  
known him for upwards of  
seven years and have <sup>had</sup> very large  
dealings with him in connection  
with placing my inventions in  
Europe. I have always found  
him absolutely honest and  
thoroughly reliable in all  
business dealings, and I shall  
be extremely pleased to hear of  
his obtaining the appointment  
he deserves. Yours truly,

Mr Puskas is a gentleman of  
birth and education & would

Feel assured the present ~~and~~  
~~Government~~ <sup>Coventry</sup> with credit  
alike to the Government  
himself.

7th

NEW BATHING PLACE FOR THE POOR

REGENT STREET MOSKOW

BEVERLY & CO

New Jersey Supreme Court  
February Term 1885

Lucy F. Seyfert  
vs  
Thomas A. Edison

In Case.  
On Proceedings for Discovery  
in aid of Execution

A Motion having been made before me by Abraham V. Schenck Esquire, Attorney for, and on behalf of the said Thomas A. Edison, to set aside the service of the Order heretofore made by me, requiring him the said Thomas A. Edison to appear and make discovery under oath concerning his property and things in action before Daniel A. Boice Esquire a Supreme Court Commissioner at his Office in the City of New Brunswick on the Twenty sixth day of November last past, and to discharge the said defendant from obedience to said order, and it appearing that a duly certified copy of said order was personally served upon the said defendant Thomas A. Edison in the City of New York in the State of New York on the Twentieth day of November last (1884), and being of opinion that such service is valid

and effectual in law, and is binding upon said defendant. I do hereby order that the said motion be, and it is hereby denied with costs, and the service of said order in manner aforesaid is hereby confirmed.

And I do further order that the said Thomas A. Edison do appear before the said Commissioner at his office Number 67 1/2 Church Street, in the City of New Brunswick aforesaid on Thursday the Fourteenth day of May instant at the hour of Ten o'clock in the forenoon, and make discovery under oath as by said former order he was required to do, concerning his property and things in action, and that in default of his appearing and making discovery as herein required, the said Thomas A. Edison do show cause before me at my residence in Chambersburgh on Saturday the Sixteenth day of May instant at Ten o'clock in the forenoon why he should not be punished as for a contempt of the said Supreme Court, and an attachment issue against him according-ly.

Dated May 5<sup>th</sup> 1885.

Let this Rule be entered. }  
C. W. Scudder }  
f.

Entered May 5 1885.

On Motion of  
W. Strong & Jones.  
attys.

Attest  
C. W. Scudder

Godfrey  
6th May 1894

Mr. Thomas A. Edison,  
the inventor of the phono-  
graph in Menlo  
Park, New  
Jersey  
N. S. A.

Can't we make him  
an agent when we get  
the Colonial - suppose you  
file thing in "Foreign Trade".

Has recovered from such civilized  
regions as England & America, my native  
land is Rappahannock, the western part of East  
India — Brought up among the rude  
Negroes of this Country, I did not long dare  
to have the honor of thinking myself en-  
titled to correspond with such superior kind  
of human beings as the civilized Englishmen  
of America & especially yourself, a name well  
known & familiar connected with the  
most important scientific inventions of the  
present day — Somehow or the other  
I was given to read of your dear invention  
"Phonograph" in a little treatise about the  
telephone — I am a telephone master

to the king of this plea & beg you to oblige  
me by your supplying me with any kind  
of more & better information about the "talking  
phonograph" "talkingphone" &c &c

Hoping to be favoured with a reply

I remain  
Sir,  
Your most devoted  
servant  
Lala Sir Dar Mulla  
Telephone Master  
Durbar School  
Jodhpore  
Rajputana  
East India

My full address —

Lala Sir Dar Mulla,  
Telephone Master Durbar  
School Jodhpore  
Rajputana  
East India

Wax paper - (Edison).



**J.W. BUTLER PAPER CO.**

172 & 174 Adams Street.

Chicago, May 9th, 1885.

Thos. A. Edison, Esq.  
No. 65 5th, Ave. New York,

Dear Sir: --

In reply to yours of the 7th, inst, it is true we have had a temporary injunction served on us for using the Bancroft machine; hence we are unable at present to supply our trade with Paraffine paper, as we have been doing in the past.

Regarding the Paper which you speak of, we would be pleased to hear from you further about it; and see a sample of its quality, and ~~about what~~ <sup>what</sup> its cost would be as compared with the Paraffine Waxed paper which we have been handling; Also what would be the Royalty on it, and the expense of a machine to use in the manufacture of the same, and would there be any probability of our infringing on any other Patent in case we should use it.

If you will advise us on these points, we will consider the matter, and it will greatly oblige,

Very truly yours,

J. W. Butler,

Treas.

Edison, T.A., -  
Porsm=1

Senate Chamber

Princeton, N.J.

1888

New Brunswick, N.J., May 12/88

J. C. Lombard, Esq.

Dear Sir

On my return home after a weeks absence I find your letter of the 8<sup>th</sup> inst. & also a copy of Judge Scudder's order in the Lombard vs. Edison matter -

There are three courses to be pursued - One is to ignore the order entirely & in that case Mr. Edison will probably be proceeded against for contempt & punished if arrested in this state - The second is to appear & submit to the examination - The third is to appeal - This appeal is by certiorari out of the Supreme Court & returnable therein -

In case Mr. Edison desires to take this latter course he had better at once instruct me to take effect - and in that case I will appear before the Court.

on Thursday the 14<sup>th</sup> - and procure an adjournment, in order that time may be had to get the papers ready & apply for a writ of certiorari, which carries with it a stay of proceedings. -

I regret that I happened to be absent when your letter reached here.

Very yours, &c

H. V. Schenck

Friend Smith  
Don't touch this business 1885-05-12  
not one man in 1000  
ever succeeds in it  
When you come to my  
lab - etc, might  
call at Pauline Bonn  
etc etc

Thos. A. Edison Esq.

My Dear Sir:-

We returned  
north May 1<sup>st</sup> & now  
that the time has come  
for settling down, & pre-  
paring for Dental  
college, as was my  
intuition, I almost  
dread it, & think I  
would like a busi-  
ness life much better.  
Have you a position  
I could fill? I  
would, of course, do  
my very best for you,  
& should want to go

into it, not simply as a clerk, but to thoroughly learn your proposition & make it my life business. As you know, I am passionately fond of machinery, & know a little about it now.

I intended going down to the city this morning to see you, but on second thought concluded that I would not be very likely to find you, & that the surest way of catching you would be to write.

Before we left Magnolia I was pleas-

ed to learn that the agent at Fort Myers had succeeded in getting your property somewhat cheaper than they at first supposed.

My regards to Mr. Gilliland. Just before we left I shot a Gator 12 ft.  $3\frac{1}{4}$  in. long.

Yours Respectfully  
Linn A. Smith  
Lock Box 275  
Dunbury  
Conn.

The Edison and Swan United Electric Light Company,  
Limited,

ALL LETTERS  
TO BE ADDRESSED TO  
THE SECRETARY.

57, Holborn Viaduct,

London, E.C. 12<sup>th</sup> May 1884

Dear Sir,

I had the pleasure  
of making your acquaintance  
about eighteen months ago through  
Mr. J. K. Kingsbury of this city.  
I trust you will excuse my  
troubling you about a <sup>very</sup> small  
matter. I am desirous of pro-  
- curing a phonograph, but so  
far as I am aware there is  
not such a thing to be had  
in this country. I have inquired  
at several of the electrical places  
but without result. Would  
you kindly ascertain and let  
me know at your convenience

whether Mr. Edison ever licensed  
or arranged with any one to  
represent him on this side of  
the water in the matter of  
the phonograph, and if so, what  
is the address of the firm.  
About twice or three times a  
year some one comes to us to  
ask if we keep the article,  
and about once a month some  
one calls in for an Edison  
pan. The man (Pentley) who was  
agent for the latter invention  
seems to have disappeared.

E. L. business is fairly good  
with us here, especially in the  
lamp line. The "Inventions" Exhibit  
is a very fine show of incandes-  
- cent lighting. I hope those  
people have their hands full

W. A. Dufyloish.

THE EDISON & SWAN UNITED ELECTRIC LIGHT CO.  
OF LONDON & LONDON, E.C.

Looking to hear from you in  
due course and thanking  
you in advance,

2 am Dear Sir,

Yours faithfully,  
H. Holmquist.

Samuel Grant Esq.,  
65 Fifth Avenue,  
New York

Mr. A. Holmquist.

The London & San Francisco Express Co.  
45 William Street, London, W.C.

SUBJECT.....

ANSON STAGGS,  
President.  
JOHN M. CLARK,  
Vice-Pres't.  
F. S. GORTON,  
Treasurer.  
D. H. LAUBSHACK,  
Secretary.  
Geo. H. Bliss,  
Gen'l. Supt.  
P. D. JONES, Jr.,  
Engineer.

WESTERN EDISON LIGHT COMPANY,

54 & 52 Wabash Avenue,  
185 DEARBORN ST.

DIRECTORS:  
THOMAS A. EDISON,  
ANSON STAGGS,  
JNO. B. DRAKE,  
J. W. DOLAN,  
SAMUEL MERRILL,  
NORMAN VILLAGE,  
EDISON KEITH,  
JOHN M. CLARK,  
JOHN CUBAY,  
ALFRED F. SEABROOK,  
Z. G. BARNES.

CHICAGO, 5/12

1885

Mr. Thomas A. Edison  
65 Fifth av. N.Y.

Dear Sir:

In an article in the Scientific American, reprinted in the Elect. Review of May 9<sup>th</sup> the battery used in my voltmeter is credited to Mr. George Wirt of the West. Electric Co. Will you kindly have a notice of correction sent to the Scientific American: The West. Elect. made some voltmeters for me but I am sure have no claim to any part of the apparatus.

Yours very respectfully  
Charles Wirt

Inspector, Western Edison Lt. Co.

PLEASE NOTICE OUR  
CHANGE OF ADDRESS.

1895-06-02

E. T. Gilliland,  
Boston.

June 2<sup>d</sup> 1895,

Sammy

Please send one my photos next to largest  
size to Lily E Fox, = Woodburn near Hewitt Ave East  
Walnut Hills Cincinnati Ohio

Yours

Edison

Send two to Gilliland

1885-06-09  
New York, June 9/85

Thomas A. Edison Esq  
65 Fifth Ave.

Dear Sir.

At the last  
meeting of the Board of Directors  
of the Edison Medical Benefit  
Association, held on the 4<sup>th</sup> inst  
at 104 West 44<sup>th</sup> St, a vote of  
thanks was tendered  
you in acknowledgement  
of your generous donation  
of ~~37~~ 100<sup>00</sup> received on the  
20<sup>th</sup> May.

Yours Very Truly  
E. Berggren  
Secy.

Abm. P. Schreck,  
General Law at Wells,  
at Waterson St.,  
New Brunswick, N.J.

Log 21

June 9<sup>th</sup> 1885

J. C. Tomlinson, Esq.  
Dear Sir

I took action in Supreme Court at Bar this morning to bring the orders of Judge Laddler touching the examination of Mr. Edison on supplemental proceedings, and proceedings for contempt before that Court for review. I think the Court will hold the proceedings good for purposes of the appointment of a Receiver under the statute, but void for all purposes of punishment for contempt. If the Court should hold the order & proceedings good for the appointment of a Receiver, the pliffs atty would probably endeavor to get the money paid in under the first sale and this of course we must fight.

The prospect is encouraging & I will keep you advised -

In the mean time as

it is necessary for me to pay some bills  
for printing, comb fees & personal expen-  
ses & disbursements in the matter with  
you will kindly suggest to Mr. Edison to  
send me his check for \$100 and oblige

Very truly yours to

H. T. Schuch



New York - June 9<sup>th</sup> 1863.

Thomas A. Edison.

N.Y.

My dear Sir;

Of course, you are aware, that "The World," is raising a fund to complete the Pedestal of the Bartholdi Statue of Liberty; We propose to complete the last \$25,000 by subscriptions of \$250. each from one hundred gentlemen of the United States; We should be exceedingly gratified, if you would authorize us to put your name down in the "Roll of Honor"

as one of these subscribers.  
We only call upon you, for  
the amount of your sub-  
scription, <sup>\$1250.</sup> when our list of  
one hundred is complete  
and then we shall have  
raised \$15000 by small  
subscriptions.

Will you kindly favor us,  
with an early reply, as to  
your decision

Very Truly Yours.

The World -

By J. R. Reavis

Manager of "The World"

Pedestal Fund

Dr. - Grandest fel-  
low ever lived -  
dedication for a while  
Edison



My June 15/88.  
Thomas A. Edison Esq.

Dear Sir. City.

Please accept, from  
'The World' an acknowledgment  
of your generous aid, in making  
up the last 25000 of the fund  
for the completion of the Bar-  
tholdi Statue Pedestal. Be-  
lieve me and the others as-  
sociated with you, have made  
it possible, for a great and  
national enterprise, to be  
brought to a prompt and  
honorable conclusion. One  
fourth of the necessary  
one hundred names are now  
enrolled, as you will see, by

our columns, and we have great  
hopes, that the Stars will be secured,  
in a very short time.

Perhaps you have in your mind,  
the names of two or three gen-  
tlemen, who would be willing  
to join with you and us, and  
the 7500 people we represent,  
in closing up triumphantly the  
work this week, while our friends  
guests are here, with the ship  
that brings over the Statue.  
If so we need hardly ask you  
to use your influence, in the  
furtherance of this good cause.

With Great Respect.

The World

By John R. Davis.

Manager World's Pedestal Fund.

Abm. F. Schenck,  
Counselor at Law,  
11 Paterson St.  
New Brunswick, N. J.

June 15, 1885

John C. Tomlinson, Esq.  
Dear Sir,

I have not yet heard  
from you or from Mr. Edison in response  
to my request contained in my last note  
to you, that he remit me his check for \$100.  
To-morrow we have another hearing in the  
matter; & will you please suggest to Mr. Edison  
in your own persuasive manner, that if he  
expects to have his business attended to, it  
is highly necessary that he should not for-  
get his lawyer! And oblige

Very truly yours &c  
A. F. Schenck

Subject \_\_\_\_\_

Wm. R. DRIVER, TREASURER.

W. H. FORBES, PRESIDENT.

## THE AMERICAN BELL TELEPHONE CO.

THOS. H. VAIL, GENERAL MANAGER.

Nº 95 MILK STREET.

P. O. DRAWER 2.

Boston, June 18 1888

In reply to yours \_\_\_\_\_

No. \_\_\_\_\_

my Dear Edison

We were greatly disappointed to learn that you cannot come until Saturday and possibly not then I hope however you will come Saturday even if you can only stay over Sunday. Our friend from Indianapolis arrived today. We expect to go down to the Sea shore Saturday so you must let me know in time when you come so we can meet you. In case you should drop in unexpectedly Robert in the Parker House lives down there and can show you the way or call us up on some telephone # 5082 and we will send or come in for you. Better let us know.

I suppose Tappan got off all right with kind regards to Sumner Tinsman & others I am

Yours very truly  
 E. Williams

1885-06-22

June 22-84

Sammy

Your suggestion about Krugi  
having \$100 is a good one, we must do it =

Before he goes have him reduce expenses  
to the very lowest notch = Is he going  
to Europe = I think he could do

much better out west for Rheumatism

~~He~~ There is more to see out there

Are the telephone people listening  
the wires and using them =

Can you as certain if June  
has left the city & where gone

practices at Blackman could  
grab early see = Let me know

if June accepts that R.R. share  
with June = June with the June

10 2 11 12  
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

J. H. Van Buren,

MANUFACTURER OF ARTIFICIAL

Ivory and Lava Goods.

10 & 12 READE STREET.

New York, June 12/1885-  
Mr. Thos A. Edison.

Dear Sir

Some three or four weeks ago you made inquiry about the new autophone disc, intimating that you could use them one more and asking what the case would cost. As I have heard nothing from you in relation to the matter I am not sure you received the letter. Please let me know what the outlook & prospects are

And stays yours truly

J. H. Van Buren  
I shall probably need some soon

No. 1. 1873.

T. C. NICHOLS

C, P, FATOS.

P. A. BOHANNAN,

## WELSHTON MILLING COMPANY

MANUFACTURERS OF

Long and Short Lumber, Novelty Siding, Shingles,

-LATH, &c., &c.

Walshton, Fla. June 25<sup>th</sup> 1885

W. Whitton, Jr. June 25 1885  
 Thomas A. Edison  
 New York

Dear Sir

Enclose you  
will find something  
that will remind  
you of ~~Charles~~ <sup>Charles</sup> ~~Kepp~~ <sup>Kepp</sup>  
Why I haven't if we  
assumed any letter  
with the numerous  
fish yards I sent you  
I have one at Palatka  
Fla. Hoping you had a  
good time while on your  
trip with Yours Truly  
Thos A Darby

E. Perzival

June 27 83-

Inance -

Tell Hamilton at Laboratory

he may have the vacation he asks -  
I think Stewart of Childs is honest,  
and if Johnson can fix up an  
arrangement between him & W.R. Grace  
& Co to work the West Coast of  
S.A. he better do so by all means  
getting money in before on all goods  
but make the price reasonable  
(2) less than isolated prices  
I should say it is not 25-pct  
less - were not those lamps sent  
Upfen promised to ask Dyer =  
Keep me posted about orders that  
dump factory - Isolated & Batch  
pts. = Could you come over here  
to spend 4th sat. Gills - there is lot  
pretty good - Edus in

1885-06-28

June 28 1885-

Sunny

Tell the world man  
to be my caint my subser in  
the General fund -

I ~~could~~ wouldnt like to  
answer the telegram reporter  
until I had more data

g

THE EDISON COMPANY FOR ISOLATED LIGHTING.

THE NEW YORK

81 TURNER BUILDING

ST. LOUIS, MO.

IRA

W. PRESTON HIX  
AGENT FOR  
MISSOURI,  
KANSAS,  
ARKANSAS,  
MISSISSIPPI,  
LOUISIANA

Grinnell =  
I have the letter when  
will you get home

St. Louis Daily Globe-Democrat Sunday Morning, June 28, 1885.

Gen. BRADYBOND, who has just returned from Mottville, on the Mississippi above St. Louis, where, while on the Western trip, of New York. He has been the guest of Mrs. L. S. Ames for several days, was last evening entertained on the occasion by the members of the Lindell Hotel by Mrs. Frances Hill, assistant of Mrs. Ames. The affair was strictly informal but very social. Invitations to meet the General have been limited to twenty-four. A delightful evening was interrupted by a midnight celebration and a event, the festivities ending at midnight.

THE REPUBLICAN: ST. LOUIS, SUNDAY MORNING, JUNE 28, 1885.

Mr. Preston says an informal reception last evening from 8 to 10 o'clock at the Lottell Hotel. Business attended to by the elite of the city. Mrs. Preston a very elegant reception toilet.

Miss Maud W. and goes to Highland Pool the month of August. In the White Mountains

I have an invitation from the  
Governor of Mo to go with Genl  
B and spend a few days  
at the Mansion but I had  
to decline as I will be in  
the Kansas Penitentiary on  
Thursday. I will get out as I meet  
the board to light it.

Don't forget to write Lew B  
He returns home the last of the week  
Yours Truly M. S. Preston & Co.

1885-06.

Form 101

**MUTUAL UNION TELEGRAPH COMPANY.**

This Company **TRANSMITS AND DELIVERS** messages only on conditions limiting its liability, which have been accepted to by the sender of the foregoing message.

Senders can be guarded against delay by repeating a message back to the sending station for confirmation. The Company will not hold itself liable for errors or delays in transmission on account of Unrepeated Messages, beyond the amount of tolls paid therefor, except in any case where the claim is not presented in writing within sixty days after sending the message.

This is an **UNREPEATED MESSAGE**, and is delivered by request of the sender, who is not indemnified above.

**JOHN G. MOORE, President.****CHAS. F. PECK, Secretary.**

| NUMBER                        | SENT BY           | RECD BY            | CHECK |
|-------------------------------|-------------------|--------------------|-------|
| No. 13                        | J. M. J. P. D. M. | M. J. P. D. M.     |       |
| Dated Boston 17               |                   | Rec'd at June 1885 |       |
| To Thomas A. Edison           |                   |                    |       |
| 65 Fifth Ave. N.Y.            |                   |                    |       |
| How many tickets will you     |                   |                    |       |
| take for Mr. Hastings benefit |                   |                    |       |
| please answer                 |                   |                    |       |
| John J. Abraham               |                   |                    |       |
| Bijou Theatre                 |                   |                    |       |

**READ THE NOTICE AT THE TOP.**

will take six tickets  
for Mr Hastings  
Benefit  
Thos. Adams

Imperial College of Engineering.

KOBU-DAI-GAKKO.

Tokio, Japan, July 1<sup>st</sup> 1885.

To T. A. Edison Esq.

Dear sir,

We have duly received with much pleasure a pair of your telephonic apparatus and three dozen of your incandescent lamps, which you were so very kind as to present to our College.

Sometime ago I showed them to some Senate Members & other high authorities of this country (including of course the Minister of Public Works Department) songs being transmitted by the telephone and the room lighted with some 8 c.p. incandescent lamps. This show was successful to such a

degree that the gentlemen & ladies  
present on this occasion were  
highly interested and nearly  
all daily news of this City de-  
scribed this aspect with full  
explanations of the telephones  
& incandescent lamps of your  
invention, and your esteemed  
name was thus at once made  
familiar among our country  
people. It is nearly every day  
since then that some people  
come to our College to see these  
marvellous things.

I may be permitted to tell  
you that to show you our utmost  
gratitude, the Minister of Public  
Works Department (to which our  
College belongs) is now preparing  
to present to you some Japanese  
Articles which may interest you.

Yours respectfully  
T. Fujioka.



(1885-07-05)

MEMORANDUM.

Form 188.

To \_\_\_\_\_

FROM  
THE AMERICAN BELL TELEPHONE COMPANY,  
95 MILK STREET.

Boston.

188.

Innocent -

Russell reduction for information  
about steam yachts in Herald please  
get all the answers and send on to  
me sure

Edison

1885-07-06

The Edison Electric Light Company  
65 Fifth Avenue

Marin Green Press  
S. B. Eaton Vice-President  
C. P. Fabbri Treasurer  
C. Goddard Sec'y

New York July 6<sup>th</sup> 1885

Dear Sir:-

Enclose the only answer that I have received thus far to the advertisement, I had put in yesterday's Mail. The one from Manning's Agency succeeded to day. Expect to hear tomorrow from some other parties whom I called on personally to day. As soon as I get any information I will forward to you instantly

Yours truly  
James H. Russell  
#336 West 59<sup>th</sup> St.

Form No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to be the nature of the following message. Errors can be guaranteed against only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender under the conditions named above.

THOS. T. ROCKERT, General Manager.

NORVIN GREEN, President.

| NUMBER | SENT BY | REC'D BY | CHECK |
|--------|---------|----------|-------|
| 13 Ch  | W. M.   | W. M.    | paid  |

Received at 103 State Street, Boston.

Chicago 6.  
 To Mr. A. Edison Care E. T. Gililand  
 101 Mick St Boston  
 I have arranged matters well  
 come there soon see my letter  
 J. T. Gililand

Form No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**

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THOS. T. ROCKERT, General Manager.

NORVIN GREEN, President.

| NUMBER | SENT BY | REC'D BY | CHECK |
|--------|---------|----------|-------|
| 224    | W. M.   | W. M.    | paid  |

Received at the WESTERN UNION BUILDING, 195 Broadway, N. Y.

Boston 11 July 7th 1885  
 To Samuel Ingham  
 60 Fifth Ave NY  
 will be at sixty five in  
 the morning  
 E. T. Gililand

1885.07.11

Address all Communications to the Company.

The Babcock & Wilcox Co.

Patent Water-Tube Steam Boilers,

30 Cortlandt Street,

New York, *July 11<sup>th</sup>* 1885

*J. A. Edison Esq*  
*65 So 5<sup>th</sup> Ave*

Dear Sir

In answer to your  
inquiry about a steam yacht, will say that  
my boat has not been put in commission  
this year, and is in no condition to use  
unless hauled up, cleaned and painted &c &c

Yours Truly  
*S. Wilcox*

THOMAS A. EDISON,  
No. 65 FIFTH AVENUE.

Form L, 1909-5-11-85.

New York,

13<sup>th</sup> July 1885

In consideration of one  
dollar and other valuable  
considerations I hereby  
release and discharge  
Charles Batchelor from the  
sum of Eleven thousand  
three hundred and thirteen  
dollars and eighty nine cents  
(\$11313<sup>89</sup>¢) appearing on my  
Books as an account current  
between said Batchelor and  
myself

Sealed and delivered Thomas Edison  
in presence of

Samuel Insull

THOMAS A. EDISON,  
NO. 65 FIFTH AVENUE.

Oct. 7.

NEW YORK, July 20 1885

Mr. Edison  
Dear Sir

I have not been able to  
do anything on insulated car roof  
As Mr. Small has not  
received word.

Last Thursday I went  
to Statenmill to see about 4 cars  
that are in construction two of  
which have roofs on, I asked  
the supt of Staten Island railroad  
how soon they would be finished  
He said ~~they~~ they would be finished  
in a few days but if I wanted  
him to hold back with the  
roof he would do so.

Whereupon King broke in  
and said he did not see where  
this was going to do a damn bit  
of good, judging from his experience  
I told him they were the

orders of Mr Edison and we  
will have to execute them,

When upon he said that  
he was as much to blame as the  
next one as he had suggested  
the ideas, and the old man  
did not know any thing about  
this, didn't he and Gill come  
down the other day and tried  
to make some suggestions, and  
they could not make a dam  
one, He not only made this  
suggestion to one person but  
informs everybody of such

I think he is a fit  
subject for some institution

Yours truly  
J. F. M<sup>r</sup>

This is no free lecture on  
general usefulness on Laboratory days.

[ATTACHMENT]

1885-07-20

July 20

Danny

I send you letter received  
from John Ott you better make it your  
business to get these two fellows  
why in harmony and have an  
understanding just what is to be  
done to cars ground wires etc -  
Some this is done the better -

Regarding Upton (Ellen) do  
you add enough to price of  
tickets to give a Comm  
I have nothing to say - but  
Lamp Co affairs except I  
think he is on right track -

E

Its not very hot down here  
but it is in Boston - Tell  
Ett I'm pretty certain to sell  
that telephone but will have to put in  
4 or 5 months on it myself to get

[ATTACHMENT]

stable and commenced a  
grad. rec. - tell him to  
work <sup>too</sup> as I have committed  
myself deep to within and  
am going to ~~beat~~ the midday  
the way



July 25.

Mr Samuel Insull.

Dear Sir,

We have

the pleasure of actually  
receipt of the \$1000  
check for \$2500 for  
the ~~free~~ <sup>at</sup> ~~Paris, &c.~~  
tend to him as thanks  
and say that we shall  
acknowledge the same  
through the ~~world~~  
on the day of the  
completion of the

State of New York

1888



found. we are having  
made a few large  
subscriptions for  
the day.

Yours truly,  
The World.

by J. R. Reavis.

(1885-07)

No 3 Woodside-

Winthrop Mass-

Sammy Inance to take those  
letters Sunday & forget to put  
them in office box so you got  
Helen in time = please tell  
Mack <sup>or Johnny</sup> go over to my house  
and get a roll containing  
charts of Coast Florida  
send to G. P. Land = Tell  
Mack he has never sent me  
the copy of Lamp Co. Extract  
tell him hurry will Roaches  
for him effect good result  
Edwin

(1885-07)

Daisy -

Tell Russell to ~~put~~ <sup>set</sup> upon the  
yachts, I have changed my mind the  
Expense is too great when you get the  
proper yacht - You will have to  
write the Germania Co that better  
need the boat to get anything  
ready to reach there in time  
but if they in future will give  
me 3 or 4 months notice will  
be happy to send working  
models of any new inventions  
for exhibition purposes - give  
little taffy etc. Hope you have  
Ott and King in harmony - you  
better come as you say - It has  
written to him to come on, unless affair  
Edison

[TO SAMUEL INSULL?]

(1885-07)

Think you better sound  
Adams & get best  
price you can from  
Lardner would take  
50¢ per share if could not  
do better - How about  
Colonial E light  
White Chances -  
Can you sell any  
Edison Field Edison RR

1885-(07)

Tell Upton I cannot very well  
advise him in Lamp matters  
on the Continent. I'm too much  
involved but for him to  
look out for the best  
interest of the stockholders  
of the Lamp factory  
I will be satisfied

15

THE WESTERN UNION TELEGRAPH COMPANY

This Company TRANSMITS and DELIVERS messages not only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be considered against only if messages are sent back to the sending station for comparison, and the company will not hold itself liable for errors or delay in transmission or delivery of Unrepeated messages. It is the responsibility of the sender to ensure that the message is sent in the correct form and to the correct address. The company will not be responsible for any loss or damage to messages or for any delay in delivery of messages after sending the message.

THOS. T. ECKERT, General Manager.

**NORVIN GREEN, President**

| NUMBER | SENT BY | REC'D BY |             |
|--------|---------|----------|-------------|
| 36P    | df      | gd       | 854 BWA 407 |

Received at the WESTERN UNION BUILDING, 195 Broadway, N. Y.

*Dated*

Boston - 20

J

Samuel Insull

65. Fifth Ave. ny

60. Fifth Ave.  
Letters mailed today  
Edison

|             |               |         |           |  |                   |                   |         |           |
|-------------|---------------|---------|-----------|--|-------------------|-------------------|---------|-----------|
| SENT<br>TO. | TIME<br>SENT. | SENDER. | RECEIVER. | Time Filed<br>The Mo. Pac. Ry Co.<br><b>TELEGRAM.</b><br>Form 805. | RECEIVED<br>FROM. | TIME<br>RECEIVED. | SENDER. | RECEIVER. |
|             |               |         |           |  |                   |                   |         |           |

DATE Canceled Mo 8/2 1885 To Tom Edison

Now don't expect me to ask too much  
 Tom Edison is at Longview Junction <sup>Texas</sup>  
 I am here - Two of your old Reprobate  
 friends - poor Jim Stevenson - Tom Berry are  
 dead - only want hear from you  
 I know you are chuck full of work & what did you  
 do with Griffin - I see DeBree is at Baltimore.

20 Operators are required to write all messages in ink.

|             |               |         |           |  |                   |                   |         |           |
|-------------|---------------|---------|-----------|--|-------------------|-------------------|---------|-----------|
| SENT<br>TO. | TIME<br>SENT. | SENDER. | RECEIVER. | Time Filed<br>The Mo. Pac. Ry Co.<br><b>TELEGRAM.</b><br>Form 805. | RECEIVED<br>FROM. | TIME<br>RECEIVED. | SENDER. | RECEIVER. |
|             |               |         |           |  |                   |                   |         |           |

DATE \_\_\_\_\_ 188\_ To \_\_\_\_\_

would like see you & take do me good  
 Sure - Can't you write me -  
 Yours  
 Dave Logan  
 Robert and South of Louis

20 Operators are required to write all messages in ink.

Form No. 1.

1885-08-03

**THE WESTERN UNION TELEGRAPH COMPANY.**

This Company TRANSMITS and DELIVERS messages only on condition of limiting its liability, which have been accepted by the sender of the following message. Errors can be guarded against only by repeating the message to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of correspondence. Messages must be sent to the company at the place of origin, and in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is subject to the conditions of the company, under the conditions named above.

THEO. T. ECKERT, General Manager.

342  
NORVIN GREEN, President.

| NUMBER | SENT BY | RECD BY | CHECK |
|--------|---------|---------|-------|
| C125   | ma      | Bz      | paid  |

Received at the WESTERN UNION BUILDING, 195 Broadway, New York,

Aug 3 1885

Dated Boston Mass  
To Samuel Insull

65-5" Ave nyp

We will all be in  
New York Wednesday morning  
Lilliland

[FROM COMPAGNIE CONTINENTALE EDISON]

Blank No. II.

COMPAGNIE FR.

DE PARIS A NEW-YORK

Telegraph

French Atlantic Cable,

New York Offices, 40 BROADWAY and 31 NEW STREET.

|                          |  |  |
|--------------------------|--|--|
| No. <i>66</i>            | The following message is received from the French Atlantic Cable Company, subject to the<br><b>TERMS AND CONDITIONS</b><br>printed on the back hereof, which are ratified and agreed to. | <i>H!</i><br><i>Aug 31</i><br><i>WSS</i> |
| No. of Wds. <i>11</i>    |  |  |
| Time Rec'd <i>6:41 a</i> |  |  |

From *Paris* To *Edison ny*

*cable if letters*

*first thirteenth July*

*are answers*

*Edison*

No Inquiry respecting this Message can be attended to without the production of this Paper.

LEAYCRAFT & CO.  
CABLE ADDRESS:  
"LEAYCRAFT"

440 S. 442 Pearl Street

P.O. BOX 3455

New York August 4<sup>th</sup> 1895

Thos A Edison Esq  
35 Fifth Avenue  
New York

Dear Sir

We received from you two samples of fine variety of phosphate earth after it has been acidulated; the wet one has had only two days to dry in - the fairly dry sample a very long time - a drier in the sticky clammy state you now see. We think that a current of steam put through the mass will dispel the water and so allow the earth to granulate in the desired condition. The compound parts of the earth are phosphoric acid

the 93 lime 5.37 and Phosphate of lime 58.35

Water at 100°C 6.11

Magnesia  
Oxide of Iron  
Alumina  
Silica

6.15  
.63  
4.67  
11.01  
6.02

Carbonic acid merely 2%

Acidulated with sulphuric acid 8 parts to 12 of earth

After being treated with acid the alumina forms a pasty substance that renders the product difficult to handle as an acid phosphate; will you let us know if electricity will help us and how much electric power it will take per ton in a green and semi dried state. How much will it cost per ton?

Yours truly  
Leaycraft & Co

Form No. 1.

# **THE WESTERN UNION TELEGRAPH COMPANY.**

This Company TRANSMITS and DELIVERS messages only on condition of payment of the full fee in advance, which have been assented to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sender. The Company is not held liable for errors or delay in transmission or delivery of telegraphed messages, beyond the amount of any paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions stated above.

NORVIN GREEN, President.

| NUMBER  | SENT BY | REC'D BY | ORDER      |
|---|---------|----------|------------|
| 215-32  | St      | fer      | 854 B'WAY. |
| Received at the WESTERN UNION BUILDING, 195 Broadway, N. Y. Aug 11 1885 |         |          |            |
| Dated Chautauque ny   |         |          |            |
| To Samuel Insull  |         |          |            |
| 65 5th ave ny   |         |          |            |
| Will be at Chautauque for   |         |          |            |
| four days   |         |          |            |
| Edison  |         |          |            |

Environ. L., 1990/01/11/88

Look over the dead or almost dead  
Florida property receipt OK

I received the enclosed letter from King yesterday, but was unable to send it to you until your telegram giving your address reached me. I enclosed letter from Prof. Barker and would state that I have written him saying that I would forward his letter to you with the request that you reply direct. I also enclose letter from Mr. Dixon. If you have anything to say to him, please let me know. The gentleman who saw you with relation to one of your electric pen patents has been in here and desires something a little more formal, so as to enable him to go ahead prior to your return; he was talking about royalty and asked me what I thought you would think of 10 per cent on the selling price of the apparatus. Please give me some kind of an authority in this matter so that I can fix the thing up to the gentleman's satisfaction and then the formal papers can be executed on your return. I want you to understand that this matter is pressing. Keep me posted as to where you go so that I can wire you again.

Yours  
Sincerely,

I think 20 percent is about right as the profit is ~~great~~ on these goods.  
= Tell King I want to try the painted car roof against the other roofs in very wet weather -

Tell Tomlinson I leave here Monday the  
17<sup>th</sup> for Niagara etc will probably be at  
1000 Island House Thursday next if he or he  
Dyer might run up with the papers about Camp Cad

1885-08-13  
Headmaster of school which Edison attended at Port Huron.  
Received on Aug. 28<sup>th</sup>, letter book E-1730-L-84-12-27, 14p. 452.  
JOS sent by Edison request.

Aug 13<sup>th</sup> 1885

Indianapolis, Ind.

St. Edison:

Dear Sir;

You will remember  
that some years ago, you  
attended School under  
my direction (by my wife's)  
at Port Huron. Your  
father, not being very  
pleased with money, I did  
not urge ~~to~~ him to pay  
the School bill. I am  
now almost 77 years  
old and am on the  
retired Clergy list,  
without any salary. And  
as you have now a large  
income, I thought perhaps

you would be glad to ren-  
der me a little aid.  
Times have changed  
with us since you were  
a young pupil with us.  
I hope you are happy  
in your great success.

Truly Yours

Rev. G.B. Engle  
114 North Indiana St.  
Indianapolis

Ind.

Form No. 1

# THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages ~~and~~ on conditions limiting its liability, which have been assumed to be the cause of the following message. Errors can be avoided against only by repeating a message. No ~~any~~ printing system for comparison, and the company will not be responsible for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of bills paid thereon, nor in any case where the claim is not presented within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered at the request of the sender, under the conditions named above.

THOS. T. EDGEMONT, General Manager.

NORVIN GREEN, President.

| NUMBER | SENT BY | RECD BY | CHECK   |
|--------|---------|---------|---------|
| 547    | Ed      | Cul     | 13 Paid |

Received at the WESTERN UNION BUILDING, 195 Broadway, N. Y. Aug 14 1885

Dated Chautauqua Ny 14  
To Same Enroll 65 Fifth Ave

Send to O. H. Moore Chautauqua  
that English pamphlet containing  
Sketches of myself  
Edison

Edison P.  
THE EDISON ELECTRIC LIGHT CO.,  
35 FIFTH AVENUE.

1885-08-14  
New York, *Aug 14* 1885.

*Bammy*

Loan Card \$50 - Take  
note 90 days

{ *less in*

Form No. 1.

Edison P.

1885-09-15

**THE WESTERN UNION TELEGRAPH COMPANY.**

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be made and are only by operators, and the company will not be liable for errors or delays in transmission or delivery of Unrepeated Messages, except the amount of tolls paid thereon, but in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORMAN GREEN, President.

| NUMBER  | SENT BY       | REC'D BY | CHECK |
|---|---------------|----------|-------|
|   | Wm. G. Spauld |          |       |
| Received at the WESTERN UNION BUILDING, 195 Broadway, N. Y. Aug 15 1885 |               |          |       |
| Dated Chautauque Ny   |               |          |       |
| To Saml Insull 65 5th ave ny  |               |          |       |
| most letter to Chautauque quickly                                       |               |          |       |
| Edison  |               |          |       |

P. 147222000 - 4/14/11

THOMAS B. DOOLITTLE,  
SEA SIDE PARK,  
BRIDGEPORT, CONN.

Bridgeport Aug 17/88

My Dear Edison

Falles conception  
of the Shadow of your Royal  
Vikings came to hand but in  
a badly demoralized condition  
It was broken completely  
in two at your renewal note

Someone must be  
hurt but I am undecided  
between the man who  
handles the mail bag and  
the man who mailed the  
picture

Your own will send  
me absolute if I down them  
both?

Yours with respect

T. B. Doolittle

To J. A. Edison.

Form No. 1.

1885-08-18

**THE WESTERN UNION TELEGRAPH COMPANY.**

This Company TRANSMITS and DELIVERS messages only on condition limiting its liability, which have been assented to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORTH GREEN, President.

| NUMBER | SENT BY | RECEIVED BY | CHECK |
|--------|---------|-------------|-------|
| 69     | W. E.   | Edison      |       |

Received at the WESTERN UNION BUILDING, 195 Broadway, New York, Aug 18 1885

Dated Chautauque N.Y.  
To Saml Insull.

65, 5th Ave N.Y.  
Address letters to Alexandra Bay  
Leave this message enroute  
Edison

Form No. 1.

1885-08-20

**THE WESTERN UNION TELEGRAPH COMPANY.**

This Company TRANSMITS and DELIVERS messages only on condition limiting its liability, which have been assented to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORTH GREEN, President.

| NUMBER | SENT BY | RECEIVED BY | CHECK |
|--------|---------|-------------|-------|
| 61     | W. E.   | Edison      |       |

Received at the WESTERN UNION BUILDING, 195 Broadway, N. Y. Aug 20 1885

Dated Alexandra Bay N.Y.  
To Saml Insull

65, 5th Ave N.Y.  
Express my spring over  
Coast to Maplewood Hotel Bethlehem  
White mountains N.H.  
Edison

1885-08-20

**THE WESTERN UNION TELEGRAPH COMPANY.**

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of fare paid thereon, except in case where the claim is first presented in writing within sixty days after sending the message.

THIS IS AN UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

| NUMBER | SENT BY | REC'D BY | CHECK |
|--------|---------|----------|-------|
| 2984   | Chap    | 8 paid   |       |

Received at the WESTERN UNION BUILDING, 195 Broadway, N. Y.

8/20 1885

Dated Alex Bay my

To. Corral Insull

65 3<sup>rd</sup> Ave my

You may loan price two

Hundred take note

Edison

1885-08-24

**THE WESTERN UNION TELEGRAPH COMPANY.**

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of fare paid thereon, except in case where the claim is first presented in writing within sixty days after sending the message.

THIS IS AN UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

| NUMBER | SENT BY | REC'D BY | CHECK  |
|--------|---------|----------|--------|
| 69     | g       | er       | 9 paid |

Received at the WESTERN UNION BUILDING, 195 Broadway, N. Y.

August 1885

Dated Bethlehem Depot B + D W.

To. Saml. Insull

65 Fifth Ave. my

Tell Tomlinson edison

will be there eight forty tonight

Gilliland

Have sent word to Mr. Tomlinson that we are

expect



kind of contribution to our collections .

I hand you herewith a circular describing the course that I propose to attempt to teach . I should very much like you to look it over and give me any suggestions that may occur to you . You will observe that a number of gentlemen are promised to come here at their own convenience , in the course of the Winter and to give talks to the boys at their weekly meetings for debate or formal lectures as they may find most convenient and agreeable . Could you not come in some day in the same way . I am sure that the young men would receive you very enthusiastically . You could make your talk what you might think on the whole best suited to bring you into good fellowship with your audience .

I would apologize for taking your time in this manner ; but that I know your interest in all that is proposed to help the boys of the coming generations to get what you and I could not get , though we needed it so much when we were youngsters .

I was at the meeting of the American Association last week and hoped that you might be there . I hope that you will come here by and by and see what we are doing . The Sci. Am. will give some account with illustrations of our college that will interest you , in a few weeks .

Very truly yours

R. H. Hurston



# The Baltimore & Ohio Telegraph Company

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assessed to by the tender of the following message. Errors can be avoided against only by repeating a message back to the sending station for correction, and the Company will not be liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon; nor is any case where the claim is not transmitted in writing within thirty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

D. H. Evans, President and Gen'l Mgr.,  
New York City.  
J. E. Evans, Gen'l Mgr.,  
Chicago, Ill.

E. A. Loring, Gen'l.  
New York City.  
C. S. Loring, Gen'l.  
Baltimore, Md.

New. Loring, Gen'l.  
New Orleans, La.  
Davis Hall, Gen'l.  
Galveston, Tex.

|                          |       |                       |       |
|--------------------------|-------|-----------------------|-------|
| NUMBER                   | DATE  | RECEIVED BY           | CHECK |
| 57                       | Oct 8 | 9 PM                  |       |
| Dated Indianapolis Ind 5 |       | Rec'd at 851 BROADWAY |       |
| To F A Edison            |       | 9 15 188              |       |
| 65 50000                 |       |                       |       |
| Want to meet you         |       |                       |       |
| Monday will you be home  |       |                       |       |
| J. F. Gilliland          |       |                       |       |

Form No. 1.

## THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assessed to by the tender of the following message. Errors can be avoided against only by repeating a message back to the sending station for correction, and the company will not be liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon; nor is any case where the claim is not transmitted in writing within thirty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

NORVIN GREEN, President.

|   |        |               |       |
|---|--------|---------------|-------|
| NUMBER  | DATE   | RECEIVED BY   | CHECK |
| 8212  | Oct 10 | 9 PM          |       |
| Received at the WESTERN UNION BUILDING, 186 Broadway, N. Y. |        | Sept 10, 1885 |       |
| Dated Indianapolis Ind 10                                   |        |               |       |
| To Thomas A Edison  |        |               |       |
| 65 5th ave city   |        |               |       |
| Expect to be there Monday                                   |        |               |       |
| Will that do answer   |        |               |       |
| J. F. Gilliland   |        |               |       |



U. S. MAIL

# The Baltimore & Ohio Telegraph Company

U. S. MAIL

This Company TRANSMITS and DELIVERS messages only on condition limiting its liability, which have been assented to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station. The Company will not be liable for errors or delays in transmission or delivery of messages at intermediate stations, beyond the amount of the said charges; and the Company case where the claim is not presented in writing within thirty days after sending the message.

D. H. Bates, President and Gen'l Manager,  
New York City.  
J. R. Zerkow, Gen'l Mgr.,  
Chicago, Ill.

E. A. Lyman, Sec'y,  
New York City.  
C. Dwyer, Gen'l,  
Baltimore, Md.

Rev. Joseph W. L.,  
St. Paul, Minn., La.,  
David H. Hall, Sec'y,  
Galveston, Tex.

| NUMBER                             | SENT BY | RECEIVED BY           | CHECK |
|------------------------------------|---------|-----------------------|-------|
| 41                                 | Bu      | 10/20                 |       |
| Dated Indianapolis, Ind 13         |         | Rec'd at 411 BROADWAY |       |
| To Thomas A. Edison                |         | Sept 13               | 1885  |
| 65 Fifth Ave NY                    |         |                       |       |
| Leave this afternoon will be       |         |                       |       |
| at Albemarle Hotel Monday evening. |         |                       |       |
| J. F. Gilliland                    |         |                       |       |



Incorporated 1885.  
Capital Stock  
\$ 500,000



Patented 12 Feb. 1886  
JAMES H. HARRINGTON, Proprietor  
J. H. HARRINGTON, Manager  
J. H. HARRINGTON, Secretary  
J. H. HARRINGTON, Treasurer

Detroit, Mich. Sept 13th 1886

Dear Friend Al:

I enclose you one of the circulars of the Rapid Service Store Railway Co. in which mention is made of my association with you. I feel it a duty to apologize to you for this liberty - and hope you will not look upon it as an offense, as I was not aware that it was done until the first of the circular was shown me, and to please the men who are associated with me I consented to have it go in. I write this letter to acknowledge that I owe you about \$1000.00 and would be pleased to have you accept a certificate of stock of stock in our company for 25 shares. The stock is selling here and in Cincinnati for 33 1/2 % of its face value and the next lot will be sold for 50 % so you see that you will get value received. I have \$3000.00 due me on January 1st 1886 out of which I could pay you but would prefer to have you take this stock. Please write me a short letter and tell me if you would prefer to wait until Jan'y 1st and if so I will send the money then with interest. It is probable that our stock will be at par inside of a year as we have the best machine on the market and are selling 100 machines a month with 3 agents. We will sell 100 a week with a good force of agents.

Yours very sincerely,  
R. A. McCarty

## MEMORANDUM.

Form 186.

To: *Samuel Insull Esq*  
*65 5th Ave*

FROM  
 THE AMERICAN BELL TELEPHONE COMPANY,  
 95 MILK STREET,  
 Boston.

*Sept 14 1885*

*Dear Jammy* Enclosed please find CK  
 for \$35— many thanks — regards to  
*Tomlinson Russell* — Please tell TAC  
 I sent him letter C/o *Buzman* &  
*Yours truly*  
*E. J. Insull*

E. T. Gilliland,  
Boston.

1885-09-17

Sept 17-85

1 pm

My Dear Edison

Yours need also the  
borrowed letter I cannot of course  
leave him much before the first  
of the month I was my intention to  
come on about 7 days before Maria  
is due here and then you can come  
back with me I understood <sup>she is</sup> <sub>9/22</sub>  
is to leave there next Tuesday that <sub>9/23</sub>  
would probably bring her here Wednesday  
3 pm - Harkins is in New York stopping  
at the Commodore he is going to be  
here Sunday or I would come over  
Saturday evening probably Monday we  
do as well I am having the New York  
mills that runs into the flat put  
in order and one of the old transmitters  
connected in and have written to Bureau  
to put one at York end so that we

back over the wire during the night we  
will be at work in New York right  
before I close up the house here

Lockwood has been after me  
to take out Foreign patents on  
new transmitters I fear some of  
the other Ciscos will do so if  
we don't. Can't you go ahead and  
do it I am sure it will pay.

Why don't you answer my letter or  
telegram. I enclose herewith a  
clipping out of a Chicago paper  
on the subject of Florida you  
will ~~discover~~ the writer goes for  
Meyers pretty rough. It was  
my intention to put the drawings in  
the hands of the lumber Co. and  
ask them to make a bid at  
once

Yours very truly  
G. B. Leland

1885 (09-17)

It might be well to send these  
newspaper clippings to Kulaenka  
and see what he has got to say.

Yours very truly  
E. L. Leland

Saturday morning

FREDK WARD & CO.,  
Tudor Palace, SHEFFIELD,  
TUDD'S PLACE. 41-44 \* ANY - MAIL.

FRED. B. GURNEY, AGENT.  
95 CHAMBERS STREET, NEW YORK.

Sept 15th 1885

Thomas A. Edison Esq  
N.Y. City

Dear Sir

Mr Weir received  
your letter of 15th Sept & wished me  
to say that he has not a copy  
of the agreement in question.

He requests that  
you will be good enough to  
name a time for an interview  
as he is desirous of seeing you.

Yours Truly  
L. B. Gurney

E. Newark, N.J.

Sept. 19, 1883

Mr. J.A. Edison.

Dear Sir,

I have  
an Oxygen gas bag, Canvas  
lined, Capacity 55 Gals., it  
is of the best rubber and  
the best made - I got it  
while at the Park to carry  
out some experiments -  
It is of no use to me  
now - It has been used  
only two or three times and  
is as good as new - It  
cost me \$35.00 - I will  
take \$25.00 - Do you  
need it?

Yours very truly  
J.W. Lawson

1885-09-27

E. T. Gilliland,  
Boston.

Sept 24<sup>th</sup> 1885

Daddy

Please send three my Photos to Mrs Gilliland  
also one to Mrs SN Johnson 111 North New Jersey  
St Indianapolis Indiana

Yours  
Edwin

Sent

A. Van Santvoord, Vice President.  
J. R. Van Wormer, Superintendent.  
Secy & Gen. Mgr.

Secy. Gen. A.  
Lincoln Safe Deposit Co.

*Fire Proof Storage Warehouse  
of New York City.*

32 to 38 East 42 <sup>and</sup>/<sub>2</sub> ft.

Entrance to Warehouse 45  $\frac{2}{3}$  47 East 41<sup>st</sup> Street.

New York Sept. 25. 1885.

My dear Sammy:

My warehouse Super-  
intendent went to Mr. Edison's flat  
this p.m. and saw the furniture,  
which is not, as yet, entirely  
packed. At the outside, there  
will not be more than three loads

The Cost of storage per month \$ 15.

Carriage.

15.

La Labor in

5

The woman in charge was not sure that a book case, etc., would go with the rest. if it doesn't the price for storage will be something less than \$15. per month. In any event we won't rob you, and you can save insurance, if you care to, as the warehouse is fire-proof. If you want the things moved many please advise early as we are rushed to get them in. Very sincerely, J. H. Brown

John James President  
John Edgar Secretary

Alton Entwistle Vice President  
J. R. Van Wines Treasurer  
George F. Van Wines

# Lincoln Safe Deposit Co.

Fire Proof Storage Warehouse  
of New York City

32 to 38 East 42<sup>nd</sup> St.

Entrance to Warehouse 45 <sup>West</sup> 47<sup>th</sup> East 41<sup>st</sup> Street

New York Sept 26<sup>th</sup> 1885

My dear Sammie:

Yours of this date received. Our people will be on hand to get Mr. Edison's things at 8 o'clock Monday morning and I have given special instructions in respect to the works.

Sorry you weren't at Johnson's last evening. We had a jolly time. I will try to call on you to-morrow-Sunday-morning. Want to chat over several things with you, but been busier than a boy killing snakes lately.

Yours Jack.

Port of New York,

NAVAL OFFICE,

Sept. 26<sup>th</sup>, 1885.

Thos. A. Edison Esqr  
65 Fifth Avenue  
City

Dear Sir:

I have been  
looking at a flat recently  
occupied by you in East  
18<sup>th</sup> St. Will you please  
tell me in confidence if  
there are any objections  
to the building, the jan-  
itor or otherwise and  
much oblige

Very truly yours

Silas H. Durb

✓ 1 4 ✓  
A 796 #24 W. 24<sup>th</sup> St.  
Sept. 28<sup>th</sup>/95

Dear Mr. Edison

Pardon the liberty I take  
in writing you but found I  
could not do otherwise owing to  
your sudden departure when  
I had hoped to lay the whole  
matter of this insulation before  
you - I have been working several  
months making tests & experiments  
on the same until I have  
arrived at a most satisfactory  
result - The insulation appears  
to be as high as gutta-percha and  
had we but a sufficient length

say  $\frac{1}{2}$  mile for  $\frac{1}{2}$  mile of ~~other~~  
Gutta-percha covered wire I doubt  
not it would prove perhaps  
better - however the tests went  
principally to show a constant  
unchanging resistance for the  
period of 21 days under water  
the covering was put on roughly  
by hand & thereby at that which  
would not of course improve  
its insulating quality.

For 21 days from (200 samples each  
20 ft long) samples I got never  
over 1 or at a stretch  $1\frac{1}{2}$  m $\Omega$  with  
200 gravitic cells - one cell giving  
over a Res. of 150,000 $\Omega$  a Defl. of  
200 $\frac{1}{1000}$  20:-

$$200 \text{ Defl.} \times 200 = 40,000$$

$$150,000 \text{ Sample} \times \frac{1}{1000} = 150,000,000 \frac{\Omega}{1000}$$

per sample of 20 feet - or roughly  
per mile 23076923  $\Omega$ .

This insulator put on by machine  
would most likely be 20 times as  
high a Resistance -

The Inductive Capacity of  
samples I had to make a compar-  
ative test of with other wire -  
Keyright-Gutta-percha covered - &  
found same by careful comparison  
of 1  $\mu$  in favor of the Matheson  
Insulator -

These parties are doing all in  
their power to sell the patents  
for this Country (U.S.) or form a  
Company - so write you Mr

Edison to make the proper  
situation through them that  
you make them an offer

U.S. & Foreign Engl., Germ., French, Ital.

for these U.S. patents have  
been taken out in U.S. & foreign  
both & as I am personally concerned  
I should rather you had it  
than any one - Bovee they claim for  
for the present alone -

This gum is found in South America  
& can be bought very cheap -  
present figures 10 1/4 to 1 1/2 a lb. whereas  
rubber or gutta-percha is very, very dear.  
the disadvantage is, a lb. melts at  
a much higher temp than gutta-percha  
- is rather tough <sup>sample</sup> when laid in  
a salt marsh for 1 1/2 months when taken  
out was tested by Cyrus Voth's  
expert & proved most satisfactory  
according to his <sup>written</sup> report -

Hoping to hear from you at  
 your very earliest convenience  
 as the matter is being pushed forward  
 rapidly. - Remain  
 very sincerely  
 Wm. H. Dickson



# The Baltimore & Ohio Telegraph Company

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Senders can be guarded against loss by repeating a message back to the sending station for comparison, and the Company will not be liable for errors or delays in transmission or delivery of TELETYPE messages, beyond the amount of tolls paid thereon; nor in any case where the chain is not preserved in writing within thirty days after receiving the message.

This is on TELETYPE MESSAGE, and is delivered by request of the sender, under the conditions named above.

E. A. Loring, Sup't,  
New York City,  
C. Salomon, Sup't,  
Baltimore, Md.

E. A. Loring, Sup't,  
New Orleans, La.  
W. H. Loring, Sup't,  
Galveston, Tex.

| NUMBER   | SENT BY | RECEIVED BY | CHECK                |
|--|---------|-------------|----------------------|
| 12   | 17      | D           | Mr Call 23           |
| Dated: Boston  |         |             | 29 Rec'd at BROADWAY |
| To: James Russell  |         |             | 129 188              |
| Be sure have everything moved<br>from flat and clean flat<br>will arrive Wednesday tell King<br>be on look out for<br>parties Thursday or Friday<br>Edison |         |             |                      |

E. T. Gilliland,  
Boston.

TOMLINSON

Sept. 30, 1885

Dear John

Monday —

I shall not be in N York before Wednesday evening

tell the Doctor I believe in anything his judgement as to what  
should be done in the board, also to get proxies and vote  
them himself as has been customary for the president  
to do,

Thine Glucically

Edison

The Highest Prizes, American and Foreign, Awarded for Photographs and Phototypes.  
Gold and Silver Medals, also Diplomas and Awards, for Superiority of Work.

## F. GUTEKUNST'S

Mail Orders must be prepaid.

TERMS CASH.

TELEPHONE CONNECTION.

Photograph Gallery,

712 ARCH STREET,

Philadelphia, October 3rd 1885

Prof. Edison

Newark, N. J.

Dear Sir, On October 23rd of last year,  
I sent a page to your address, with my  
compliments, containing Panel Photos of  
Prof. Henry Lyndale and Dr. J. M. Thomson.  
Not having heard from you, as to their  
safe arrival, I write to ask whether the  
Express Co. delivered said package to you.

Very Respectfully  
F. Gutekunst

507-2-6  
1-1-4

Give him up  
JPP

LAW OFFICES OF  
ECCLESINE & TOMLINSON.

16 & 18 BROAD STREET.

New York, Oct 22 1884

William }  
Edwin }

My dear Sirs,

The above case  
comes up for trial in Philadelphia  
this month - I can not now  
say  
on what day -

The correspondence between  
yourselves & William is left with  
me same trial series. The adver-  
tisement in question was in New  
Age of July 5<sup>th</sup> 1884. A copy of the  
Liber should be got at once if  
there are any witnesses besides  
Mr Edwin & yourself. Please let  
me know so we can prepare for  
trial

Yours &c  
J. B. Tomlinson

David Williams  
 83 Beale Street  
 City  
 Image

3  
 134  
 3

NEW YORK

1887

10 & 12 BROAD STREET  
 ECCLESINE & LOWINGSON  
 FINE OFFICES ON

## MEMORANDUM

To \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

FROM

CENTRAL UNION TELEPHONE COMPANY,  
PULLMAN BUILDING.

Chicago, Oct 10 1885

Dear Sam

My household goods  
will be shipped from Boston about  
Tuesday or Wednesday my man Keller  
will see to loading them in Boston  
he will then come to New York and see  
to unloading them (ie checking them) and  
distributing them according to the Laboratory  
whats wanted there and indenting

Wants to go to Toronto  
so that it can be placed  
in the ware rooms in a  
convenient way to be shipped,  
Mr. Gilliland will probably  
be over Wednesday the office  
probably have some understanding  
with Edison as to the exact  
train she will come over on -

I wish you would pay  
thoughts and in case Mas  
G. should run out of funds  
might let her have the  
muds and I will return  
it to you soon as I  
return - We arrived here  
safely this morning Tomlinson  
& J. F. Gilliland are in  
consultation with their party and  
I am attending to act to  
matters - Respectfully yours E. J. Phelps



WABASH AVE., CORNER ADAMS.

# A. H. Andrews & Co.

195-197 Wabash Avenue,

"Electric Valve Service."

## THE JOHNSON HEAT-REGULATING APPARATUS.

By the use of this invention the heating of buildings to an exact and uniform temperature is accomplished. Rooms and Auditoriums may be kept at any temperature desired, thereby saving fuel, discomfort, ill health, the cracking of wood-work, furniture, pictures, etc.

This apparatus applies equally well to all forms of heating and ventilating devices, the thermometer in the room automatically governing the temperature. It is invaluable in Public Buildings, Private Residences, Hospitals, Schools, Conservatories, etc.



Chicago, Oct. 10, 1885.

Samuel Insull,

New York,

Dear Sir,-

The Western Electric Company have recently requested me to get for them a settlement of the old Telephone, and Phonograph matter with Mr. Edison. You will remember that I have assigned my interest in that contract to the Western Electric Company by consent of Mr. Edison.

It is probable that a representative of the Western Electric Company will call on you in New York to see about this matter. Is it not possible to get it straightened out? I think you told me one time that this was the <sup>only</sup> old matter of Edison's which had not been adjusted. Anything which you can do to have the matter attended to, I shall esteem a great favor.

Sincerely yours,

Geo. H. Bass

Form No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following messages. Errors can be corrected sender only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delays in transmission or delivery of telegraphed messages, beyond the amount of time paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender under the conditions named above.

NORVIN GREEN, President.

NUMBER

SENT BY

RECEIVED BY

CHECK

156 by Mr. 8 paid my  
 Receives at 854 BROADWAY.

Dated Chicago 11

To Thomas A. Edison 65 5 are

Will be at office Tuesday  
 morning leave tonight  
 John C. Tomlinson

This telegram has just been received at the office in 854 BROADWAY, just below Fourteenth Street, where any reply should be sent.

CABLE OFFICE.

ALWAYS OPEN.

[FROM WILLIAM F. BREWSTER?]

THOMAS A. EDISON,  
NO. 65 FIFTH AVENUE.

NEW YORK, Oct 14 1885

Please, for me, find out what ~~can~~  
will sell 1000 shares at.

Mean business; Can get the Cash;  
But I am limited to ground floor.

Kindly keep this Confidential  
from all concerned

Will call at Laboratory tomorrow  
A.M.

Yours  
Brewster

Oct 13<sup>th</sup>

Wish you would telephone me if  
come today as my order may be  
countermanded. I will be at  
65 till 4<sup>30</sup> P.M. & if you will let  
one of the boys telephone to Miss  
Hildin, I will come over.

Western Electric Company,

New York.

Oct 4/85

Samuel Insull Esq  
65 5th Ave  
(Edition Elec L. Co)  
City

Dear Sir:

Enclosed we send  
you copy of Mr. Bliss's  
assignment to W.E. M'fale  
as requested.

Yours truly  
Geo W. Nichols  
SWM

Enclosure

GEORGE BIDDLE,  
A. SYDNEY BIDDLE,  
HENRY CALDWELL WARD,  
CHARLES MERRILL HUGH,  
J. ROYMAN PAUL,  
JOHN A. WILKINSON.

[Philadelphia, 208 South Fifth Street]

*Legal*  
BIDDLE & WARD,  
COUNSELLORS AT LAW,  
EQUITABLE BUILDING, 130 BROADWAY, NEW YORK.

Oct 14, 1885

Wilson  
Edison

Gentlemen, This case was tried  
yesterday, by Mr Geo. Biddle,  
& resulted after about  
three hours in a verdict for  
the defendant.

The plaintiff will  
doubtless move for a new  
trial, so that some weeks  
may pass before final judgment  
against the plaintiff can be entered.

Truly Yours,

Wm. Biddle & Ward  
Messrs. Edison & Paulin



1885-10-19

This Company TRANSMITS and DELIVERS telegrams only on conditions limiting its liability which have been assented to by the sender of the following telegram. Errors can be guarded against only by repeating a telegram back to the sending station for comparison, and the Company will not be liable for errors or delays in transmission or delivery of Unrepeated Telegrams, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within thirty days after sending the telegram.

D. H. Hayes, President and Gen'l Manager,  
New York City.

B. A. Larkin, Sup't.  
New York City.  
C. Haines, Sup't.  
Baltimore, Md.

EDW. LELAND, Sup't  
New Orleans, La.  
DAVID HALL, Sup't,  
Galveston, Tex.

NUMBER 170 SENT BY Mrs. Su RECEIVED BY J. Spaid  
Dated Boston 19 Recd at 51 BROADWAY 1888  
To Samuel Russell  
65 = 5 ave  
Send mail to hotel Vendome  
Edison

SCHOOLS OF MECHANICAL ENGINEERING,  
AND OF THE  
MECHANIC ARTS.  
S. H. THURSTON, DIRECTOR.

DIRECTOR'S ROOMS,  
Sibley College, Cornell University.



Ithaca, N. Y.

1885

My dear Mr. E. S. <sup>My dear Mr. E. S.</sup>  
Our annual  
Instituted meeting is ap-  
pointed for the 18th Nov.  
I think I shall try to  
get them to give a half-  
day to the inspection of  
our new developments,  
among other things our  
new shops and library  
and museums.

How would it do to  
give the whole suite  
of a half dozen large  
rooms? I suppose  
we could lift at  
least two at a time  
as they go through.

couldn't we? They run  
from 40 x 60 to 40 x 40  
feet and 14 to 16 feet  
high.

Yrs truly

R. H. Hursh

Form No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

THIS COMPANY TRANSMITS AND DELIVERS messages only on conditions limited by its tariffs, which have been accepted to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sender upon receipt of the same and the company will not hold itself liable for errors or delay in transmission or delivery of Unrepeated Messages, beyond the amount of tolls shown on the receipt. Where the delay is not prevented in writing within sixty days after sending the message.

THIS IS AN UNREPEATED MESSAGE, and is delivered by request of the sender, under conditions named above.

TEOS. T. ECKERT, General Manager.

| NUMBER | SENT BY | RECD BY | CHECK |
|--------|---------|---------|-------|
| 136    | Adm     | 10 p d  | 341   |

Received at the WESTERN UNION BUILDING, 196 Broadway, N. Y.

Dated Williamsville Oct 21 1885

To Sam'l, Insull, Knickerbocker Flats

5th ave & 28th (ny)

We will arrive at nine

please send mail to Normandis

E. J. Gelland



D. VAN NOSTRAND,  
Publisher, Importer and Bookseller,

28 Murray and 27 Warren Streets,  
P. O. Box 1741.

NEW YORK,

Oct 21 1885

Friend Insell -

The 3rd of Regt are  
having a fair at Elizabeth  
& the building it let up  
Edison Light -

Friends of mine  
connected with it wish  
to get a picture of Edison  
to display in a prominent  
place - (Can't you get him  
to inscribe his autograph  
on one of the large ones  
I see & hang up in your  
office & send it to me.  
~~with~~ If you can I will  
be very thankful -

Yours truly  
D. Van Nostrand

THOMAS A. EDISON,  
No. 65 FIFTH AVENUE,

NEW YORK, N. Y. 1887

*at Edison's*  
*August 17th*  
*Dear Mr. Edison*  
*I am writing you*  
*about the*  
*design of the*  
*new Hotel*  
*in City*

*My Edison*  
*would be glad to see*  
*you at his Laboratory*  
*(Messrs. Bergmann & Co.*  
*292 to 298 Avenue "B"*  
*Corner East 17th St.)*  
*tomorrow (Friday)*  
*afternoon between*  
*2 & 4 P.M.*

*Yours truly*  
*Samuel*  
*Private Secy*



Agents of the Western Union Telegraph and Cable Co.  
**THE POWER OF INSURANCE**  
 New York

Do Insure your residence  
 Against Loss or Damage by Fire  
 for the sum of Five Hundred Dollars

**LAUREL**

[illegible]

1. Warranty of the assured

[illegible]

1. If the assured is not the sole and undivided owner of the insured stand on premises, he shall file with the following:

[illegible]

**2. Risks not covered by this**  
**THIS COMPANY SHALL NOT BE LIABLE FOR**

[illegible]

The undersigned, THE NEW YORK POWER PIPE INSULATION COMPANY OF THE CITY OF NEW YORK have caused these Powers to be signed by duly Authorized and attested by their Secretary, in the City of New York, this 11th day of November in the year of our Lord one thousand eight hundred and Eighty


Attest: [Signature]

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Received from the New York Bowery Fire Insurance Company,  
 Dollars,  
 being in full for all claim for \_\_\_\_\_ in consideration  
 of which \_\_\_\_\_ of this policy is hereby surrendered  
 to the Company for cancellation.  
 \$ \_\_\_\_\_

18

Please make check in full to Company.

|                                       |   |  |
|---------------------------------------|---|--|
| No. 411964<br>Expires January 2, 1916 | <b>NEW YORK<br/>         BOWERY FIRE<br/>         INSURANCE CO.</b><br>No. 124 BOWERY<br>AND<br>No. 139 BROADWAY. | <i>Egan &amp; Co. Ltd.</i><br><i>1015 of Bond St.</i><br>Amount. \$ 5000<br>Premium. \$ 20.00<br><i>James J. Wood</i><br> |
|---------------------------------------|---|--|

W. B. Quinn, Chairman and Thomas W. Warren, Sec. & C.  
 Dated April 1, 1916.

INCORPORATED 1899.

NEW YORK

*Bowery Fire Ins. Co.*

CASH CAPITAL, \$300,000.

OFFICERS.

DIRECTORS.

JOSEPH BRITTON.  
 GEORGE C. FICKNEY.  
 JOHN C. CHAMBERLAIN.  
 THOMSON SHERKIN.  
 ASHER F. MORAN.  
 JOHN B. COIT.  
 WILLIAM F. WOODCOCK, JR.  
 WILLIAM HALL.  
 JOHN C. CHAMBERLAIN.  
 HENRY SHERKIN.  
 WILLIAM F. WOODCOCK.  
 JOHN G. WEDEL.  
 SAMUEL T. ROSS.  
 ROBERT F. FORTYBANT.  
 JOHN A. LEBLANC.  
 JOHN A. LEBLANC, JR.

For Value Received, hereby transfer, assign, and set over unto  
 and assigns, all  
 title and interest in this Policy, and all advantages to be derived therefrom. WITNESS  
 hand and seal this  
 day of \_\_\_\_\_ 18

Shout and delivered in presence of

The New York Bowery Fire Insurance Company hereby consent that the interest of \_\_\_\_\_  
 in the within Policy, subject to all the terms and conditions therein mentioned and referred to, be assigned to \_\_\_\_\_

18

Northern Pacific Railroad Company.  
Land Department.

CHAS. B. LAMBORN,  
Land Commissioner.

ST. PAUL, MINN. March 1885

My dear Ellison

This looks like a good thing - You know Mason's place abt. White Lake has been recently sold in England - I think that his principle or some modification of it applied to Government will make a good combination -

Perhaps you will consider the matter - I have just completed 11,846 miles of a journey out to & about the Pacific Coast & down into Arizona - I have obtained one or two almost "confidential" comments that I have made a note of for your consideration & etc. I think you can fill - I shall be with you before many days.

Yours truly

C. B. Lamborn

MANUFACTURERS OF  
AND DEALERS IN  
GOODS FOR ELECTRIC LIGHTING,  
MOTORS, INSTRUMENTS  
AND GENERAL SUPPLIES.  
AUTHORISED AGENTS OF THE  
EDISON LAMP COMPANY.

AGENTS FOR  
PHILLIPS BROS., LONDON.  
Silk and Fancy Covered Wires.  
FACTORY:  
82 AND 84 FULTON STREET, N. Y.

HENRY Y. PARSELLA, President.  
W. H. KAUC, Vice-President.

Geo. H. STOUT, General Manager.  
Wm. H. MEADOWCROFT, Secretary and Treasurer.

## The Stout-Meadowcroft Co.

21 AND 23 ANN STREET.

New York, Nov. 5, 1885. 188

My Dear Mr. Insull,

65 Fifth Ave., City,

Enclosed is the letter which we would like to have Mr. Edison sign. As you will see, it is merely a recognition of us as the manufactures and selling agents of his standardizing light instruments. You will oblige us very much if you will return this to us tomorrow, as I have just completed our catalogue and want to use this of course. I send you a proof of a cut of the instrument.

Very Truly Yours,

*Wm H Meadowcroft*

U. S. Patent, No. ~~295,000~~  
April 1, 1884, 295,980  
Cape Winter,

Do you own this Patent  
Will - Yes no - do you  
desire to sell it? Is the  
invention in use in  
the United States? And  
if so where? If you  
will own the Patent, I  
desire to sell - what is  
your price?

Yours truly  
H. A. Gregory  
61 Equinox Street  
Boston  
Mass.



3500

# THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELAYS messages only on conditions limiting its liability, which have been assumed to by the reader of the following message. Errors can be corrected against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or omissions in transmission or delivery of Correspondence Messages, beyond the amount of cash paid thereon, and in any case where the claim is not presented in writing within sixty days after sending the message.

THIS IS AN UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

NORVIN GREEN, President.

| NUMBER | SENT BY | RECD BY | CHECK |
|--------|---------|---------|-------|
|        |         |         |       |

Received at Frankfort, Ky Nov 13 1885

Dated Nov 13  
 To Friend Edison  
 I believe you know, or remember  
 Jimmie Leonard well - I do not think  
 I have misrepresented him, in anything I  
 have said in his favor, in this Circular,  
 or in my Communications, in his behalf,  
 in the Telegraph Journals. I knew he

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NORVIN GREEN, President.

| NUMBER | SENT BY | RECD BY  | CHECK |
|--------|---------|----------|-------|
|        |         | <u>2</u> |       |

Received at Frankfort, Ky Nov 13

Dated Nov 13 1885  
 To was, in life, a good, true, &  
noble Christian gentleman, & devoted  
friend - And if God had spared him  
I think he would have made a good  
in the profession, like yourself - God grant  
you may live long to enjoy yours, and  
each year add fresh laurels to your  
name. I believe the "Berys" will

Form No. 1

**THE WESTERN UNION TELEGRAPH COMPANY.**

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NORVIN GREEN, President.

| NUMBER | SENT BY | RECD BY    | CHECK |
|--------|---------|------------|-------|
|        |         | <i>S E</i> |       |

Received at: Frankfort, Ky

188

Dated

*To keep us in this good cause -  
 Will you not join, & aid us.  
 It has been a duty of love with me  
 for a dear friend that has "gone before"  
 & I would like much to see it accomplished  
 before the High "Chief Ofr" taps the "30" Call  
 for yours. Fraternally, Charles E. Taylor*

MANUFACTURERS OF  
AND DEALERS IN  
GOODS FOR ELECTRIC LIGHTING,  
MOTORS, INSTRUMENTS  
AND GENERAL SUPPLIES.  
AUTHORIZED AGENTS OF THE  
EDISON LAMP COMPANY.

AGENTS FOR  
PHILLIPS BROS., LONDON.  
Silk and Fancy Covered Wires.  
FACTORY:  
82 AND 84 FULTON STREET, N. Y.

HENRY Y. FARWELL, President.  
W. B. KINN, Vice-President.

Geo. H. STORY, General Manager  
Wm. H. MANUPELLI, Secretary and Treasurer.

## The Stout-Meadowcroft Co.

21 AND 23 ANN STREET.

P. O. BOX 2111.

New York, Nov. 14, 1885. 188

Dear Mr. Insull,

I regret having neglected to thank you for the letter you sent me signed by Mr. Edison. Please excuse my negligence and accept my thanks for the same.

Mr. Edison used to have in the testing room in Gosreck St., a large Rhumkorf coil which gave a 10 or 12 inch spark I forget which. The last time I saw the coil was two or three years ago, when it was in the midst of a lot of traps over there in the testing room and looked very much neglected. Perhaps we may be able to dispose of it for you if Mr. Edison wants to sell it, as we have customers who want a great many instruments of this class. Will you please let me know sometime whether Mr. Edison wants to sell this or not, and if so, the price he will take for it. You will understand that this is merely an inquiry with relation to two possibilities, namely, that Mr. Edison wishes to part with the instrument, and second, ~~that~~ the possibility is that we may some day have some one come along who wants such a coil.

Yours very Truly,

*Wm. H. Meadowcroft*  
Secretary.

Dear Sir Your letter of Nov.  
13 has been received. I  
have had the title to your  
patent of 42,144-275,920  
examined - my attorney  
says it is possible that you  
cannot maintain your  
title to that patent. You say  
you ask \$4000 for it. Would  
you warrant the title? Of  
course if it seems to be in-  
valid I could not buy it -  
nor would you desire to  
sell it under such cir-  
cumstances.

Yours truly,

H. V. Gregory

61 Bond Street

Boston Mass.

NOV  
16  
1885

MANUFACTURERS OF  
AND DEALERS IN  
GOODS FOR ELECTRIC LIGHTING,  
MOTORS, INSTRUMENTS  
AND GENERAL SUPPLIES.

AUTHORIZED AGENTS OF THE  
EDISON LAMP COMPANY.

AGENTS FOR  
PHILLIPS BROS., LONDON.  
Silk and Fancy Covered Wires.

FACTORY:  
62 AND 64 FULTON STREET, N. Y.

HENRY V. PARDELL, President.  
W. B. KNIG, Vice-President.

Geo. H. STOUT, General Manager.  
Wm. H. MEADOWCROFT, Secretary and Treasurer.

## The Stout-Meadowcroft Co.

21 AND 23 ANN STREET.

P. O. BOX 2611.

New York, Nov. 19, 1885

Samuel Insull, Esq.,

65 Fifth Ave., City,

Dear Sir;--

We beg to acknowledge the receipt of your esteemed favor of the 17th. inst. in regard to the Rhumkorff coil and also in regard to Mr. Edison's decision as to leasing Menlo Park. *Thanks for your attention.*

Yours Truly,

*Wm Meadowcroft*

Form No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**

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This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

YVES, T. ECKERT, General Manager.

NORVIN GREEN, President.

| NUMBER | SENT BY | RE'D BY | CHECK |
|--------|---------|---------|-------|
|        |         |         |       |

Received at Frankfort, Ky. Nov. 19 - 1885

Dated Same Insull Eng P.S.  
 To Dr Sir - Yours 17<sup>th</sup> enclosing  
check for \$20. paid - Encland - please  
find receipts - as per your request -  
These convey to Messrs E. & G. our thanks,  
with the assurance their contributions shall  
be appropriately applied  
Yrs truly Chas. S. Taylor

[ENCLOSURE]

Transferred by Nov 19/85 <sup>1885-11-19</sup>  
Recd of Thos A. Edison Ten Dollars  
his Contribution to the Leonard  
Mumford fund  
\$10 00 Chas E. Taylor  
1 of 2

Villino Povero fuori Porta Romana  
Florence Nov. 19 1885—  
Thos. A. Edison Esq.  
New York

Dear Sir,

I feel quite annoyed  
at not having sooner acknowledged  
receipt of the splendid photos-  
of yourself which I rec<sup>d</sup> in good  
order + for which I send you my  
thanks. I hope we long to be able  
to send you in return photos of  
the built I intend to make of you  
from them -

The letter I rec<sup>d</sup> with the photos.  
speaks of another photo. of yourself  
taken in Pennsylvania which you  
like + which will be sent as soon  
as a copy can be had. I suppose it  
too will come in due time

With kind regards I am yours truly  
Langwath Powers

Invention. *Typewriter* -  
No. 295,990.

*Dec. 1, 1884*

25.

PERKINS & HOWARD,

Patent Attorneys,

No. 61 COURT STREET,

Room 46

(Opposite Adams' Express Office.)

Boston, Mass., *Nov. 20* 1884

*Thos. A. Edison Esq*  
*New York City* -

*Dear Sir:*

*Yours of Nov. 17 to*  
*Mr. Gregory has been given to me to answer.*  
*It was wholly on my suggestion that the*  
*patent above named ~~was~~ <sup>might be</sup> invalid. I will*  
*"explain" what I meant - but should prefer to do*  
*so in person to you - when I go to New York -*  
*It will probably be of interest to you - outside*  
*of the patent in question. And therefore I prefer*  
*to say nothing further by letter - In the meantime*  
*if business should call upon to Boston before I*  
*went to New York - I could see you there unless*  
*I should be absent. If I know of your coming I*  
*could be sure -*

*Very truly*

*John W. Cary Perkins*

**North-Western National Bank.**

CAPITAL, \$200,000.

SURPLUS \$20,000.

This Bank holds in addition \$1,000,000 U. S. &amp; gov. sec. Bonds at par, pledged to the stockholders for the protection of its customers. Said bonds are deposited as above instead of being paid to the Bank as a part of its legal surplus, to avoid what we think unjust and expensive legal issues.

Chicago, 23<sup>d</sup> Nov. 1885E. T. Gilliland Esq.  
New York City

Dear Sir;—Your favor of 20<sup>th</sup> inst is rec<sup>d</sup> with enclosures. We endorse \$1000. paid on the new note, making it in effect as though drawn for \$9000, on which am't the discount is \$182., for 91 days. This leaves a balance of \$18. which we place to your credit in acct.

The old note we cancel

+ herewith return.

Very truly Yours,  
Fred. Hookins

New note \$10000.

Less endorsement  
on same1000

\$9000.

Your ck on Bk. Metropolitan

1700

\$10700.

Old note paid \$10500.

Dis. on new note 182.

Bal. to your Cr. 18\$10700

1 Rec'd Nov 23/85

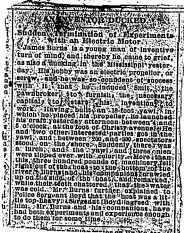
a

THE EDISON COMPANY FOR ISOLATED LIGHTING,  
OF NEW YORK.

W. PIERSON HIX,  
AGENT FOR  
MISSOURI,  
KANSAS,  
ARKANSAS,  
MISSISSIPPI,  
LOUISIANA.

81 TURNER BUILDING,  
ST. LOUIS, MO.

*Nov 24*



*The trials and tribulations  
of mortals is great  
James Burns*

Department of State.  
Washington, December 3, 1895.

Edward L. Wilson, Esq.  
1125 Chestnut Street,  
Philadelphia, Penna.

Sir:

I have to acknowledge,  
with high appreciation of your  
courtesy, your letter of the 27<sup>th</sup>  
Ultimo, offering to procure, free  
of charge, for presentation to the  
Museum of Turkey, a collection of  
photographs of various objects of  
beauty and interest peculiar to  
the United States.

It would give the Department  
great pleasure to receive contri-  
-butions of a limited number of  
such views as are not ordinarily  
marketable, without taking, too  
far, the good will of the contributors.  
Your knowledge of the subject  
would be valuable in the accom-  
-plishment of this purpose, and I  
should be glad to avail of it  
I am, Sir, Your obedient servant

J. F. Maynard

[ATTACHMENT]

No. 1125 Chestnut St.

Philada Dec 5/85

Dear Sirs:

Learning that a Collection of representative American Photography was being gathered by our Secretary of State for presentation to the Sultan of Turkey, and being applied to for Co-operation in the matter, it occurred to me that a few of the leading exhibitors, and the State Commissioners of our Centennial and New Orleans Exhibitions, would be glad of such an opportunity to draw the attention of the Sultan to the advantages of our Great Land, by adding photographs of their displays at our World's Fairs. It will be seen by the enclosed letter from Mr. Bayard, that the suggestion meets his approval.

If you wish to contribute to the enterprise, show your negatives & will make and forward the prints. It must be done at once.

I append the prices and mark with an x the ones made for you. Please

|         |             |                       |
|---------|-------------|-----------------------|
| 5x8     | \$ .50 each | sent with your order. |
| x 8x10  | 1.00        |                       |
| x 13x16 | 2.50        | Very Respy Yours      |
| 20x24   | 5.          | Edward S. Wilson      |

THOMAS A. EDISON,  
No. 65 FIFTH AVENUE.

NEW YORK *Dec 11* 1885

Dear Mr Inoué -  
I called  
again about the Bliss &  
W.E. Lee matter -  
Can it make but  
to a settlement -  
When shall I call  
to see you again  
Yours truly  
T. A. Edison

LABORATORY  
-OF-  
EDWARD WESTON,  
107 ORANGE ST.,  
NEWARK, N.J.

Decem. 12, 1885.

Thomas A. Edison, Esq.,

65 Fifth Ave. N. Y. City,

Dear Sir - I have at hand the  
communication forwarded you by Thomas E. Self of Hobart, Tas-  
mania, and shall give it proper attention.

Thanking you for your courtesy in this matter, I re-  
main

Yours Truly,

*Edward Weston* <sub>10.</sub>

Gouraud.

Department of State,  
Washington, December 14, 1885.

To the

Diplomatic & Consular Officers  
of the United States.  
Gentlemen:

I have much pleasure in  
commending to your kind attentions  
Col. George E. Gouraud of New York  
a gentleman who has rendered emi-  
nent military and civil service to  
this government.

Col. Gouraud proposes to  
make a tour of the world with  
his family and I trust you will  
render

render him such official aid and  
courtesies as may be within your  
powers.

I am, Gentlemen,

Your obedient servant,

J. F. McKim

Abm. V. Schenck,  
Counsellor at Law,  
11 Johnson St.  
New Brunswick, N.J.

December 15<sup>th</sup> 1885

J. C. Tomlinson, Esq.,

Dear Sir,

Enclosed you will find  
copy of the Sup. Court of this State in the matter of  
Seyfert vs Edison. That court decided against  
us - The opinion was given by Judge DePue. I  
cannot reconcile the decision with my view  
of the law on the subject -

You will please advise  
me what further action, if any, Mr Edison de  
sires to have taken in the premises -

Very truly yours, &c.,

A. V. Schenck

Edison, T.A.  
PersonalNew Jersey Supreme Court  
November Term 1885.Lucy F. Seyfert  
vs  
Thomas A. EdisonIn Case,  
On Proceedings Supple-  
mentary to Execution,  
and Motions referred &c

The Honorable Edward W. Scudder one of the Justices of this Court, having by his Certificate, referred to this Court a motion made before him in the above entitled matter on behalf of the said Lucy F. Seyfert, for an Attachment against the said Thomas A. Edison as for a contempt of this Court, in disobeying a certain order made by said Justice requiring him to appear and make discovery under oath before a Supreme Court Commissioner on the Twenty sixth day of November A.D. 1884, a certified copy of which order was served upon said Edison personally in the City of New York, and also a counter motion on behalf of the defendant Thomas A. Edison to set aside the service of said Order, and of the Order to show cause why an

Attachment should not issue against him, a copy of which last order was also received by him in the said City of New York, for the reason that both of said orders were passed without the jurisdiction of this Court.

And the said cross motions so referred having accordingly been heard by this Court at the last June Term thereof, and the Court having considered the same and being now of opinion that the service of said two orders in manner aforesaid was valid and effectual in law.

It is therefore Ordered that it be certified as the opinion of this Court, that the service of said orders should be confirmed, and the motion of the defendant to set the same aside be denied, with costs, and that an Attachment should issue against said Thomas A. Edison as for a contempt of this Court in not appearing for examinations as he was by said orders required.

Entered December 4, 1885.

On Motion of  
Woodbridge Strong & Sons,  
Attys. for Plaintiff,

*Ameloy  
Bust & Co.*

Shamokin Dec 15<sup>th</sup> / 95-

To the Office of J. H. Edison  
65-5<sup>th</sup> Avenue

N.Y.C.  
Warriors

Your letter duly to hand  
in regard to selling the  
negatives of Mr. Edison I  
should not care to part with  
them as there is going to be a  
demand for them just now  
that we have not had before  
but we will make the pictures  
for you as cheaply & as good  
quality as you can have them  
any where  
but ~~XXX~~ for another <sup>a</sup> half dozen  
with no encouragement for the future

we could not be expected to  
drop to wholesale rates  
we will make a half doz.  
for 15.00 or we will make  
them in 100 lots for \$75.00

Yours truly M. Thomas

P.S. when ordering please  
state whether you wish them  
mounted on  $\frac{1}{4}$ " or  $1\frac{1}{2}$ " X 30 cds  
they are same price

M. T.

Received of the Office of the  
 Postmaster General  
 the sum of \$5.00  
 for the purpose of  
 the **Common American Insurance Co.**  
 of New York  
 Agents  
 Menlo Park, N. J. *June 10th 1885*  
 I have the honor to acknowledge the receipt of your letter of the 10th inst. in relation to the above named company. I have the honor to inform you that the same has been forwarded to the proper authorities for their consideration. I am, Sir, very respectfully,  
 Yours, Sir,  
 J. H. [Signature]

I have also for sent due on <sup>your</sup> up  
 to the <sup>10th</sup> of this month. I have  
 also statement that in future the  
 \$5. per month will be discontinued.

You remember the letter you wrote  
 me <sup>on</sup> dictated by Mr. E. That I was  
 to receive \$5. per month as long as I kept  
 W. H. Office here. But aside from that  
 do you not think it is worth \$5. per  
 month to postamp, change addresses  
 Reregister & sometimes label Mr. E.'s  
 mail. There is hardly a mail



BERGMANN & CO.  
ELECTRICAL WORKS

PATENTED AND AUTHORIZED MANUFACTURERS OF  
EDISON ELECTRIC LIGHT FIXTURES & APPARATUS  
Combination Electric Light and Bell System & Fire Alarm  
Designs and Estimates furnished on application  
292, 293, 296 & 298 AVENUE C

*James H. says  
I will be sure to  
send you the money  
that I owe you for the  
work you did for me  
I will be sure to  
send you the money  
that I owe you for the  
work you did for me*

Dear Mr. Edison  
I am sorry not  
to have been able to  
see you. It cost  
me a little payment  
today. It is not much  
but if you could only  
realize what an effort it  
is to be able to get out  
even a little  
I would appreciate  
it.

Please let me know  
when & where I can  
see you and hand  
you the payment.  
It is not an easy  
matter. I find you

Yours truly  
Edna M. Bradley

Miss Bradley

Re

Will

now note to

to write you that you  
could say me on  
his behalf - I am here  
evening by my  
clock

Abm. P. Schenck,  
Quincke & Co. at Bazar,  
11 Peterson St.  
New Brunswick, N.J.

December 18<sup>th</sup> 1875

J. C. Tombelson, Esq.-

Dear Sir;

Your favor of the  
17<sup>th</sup> inst. has been duly received. Enclosed  
you will please find bill against Mr  
Edison, as suggested in your letter. You will  
very much oblige me by giving your attention  
to the matter -

The other matters sug-  
gested in your letter I will consider off  
for a few days (as I am very much engaged  
in Comch. present) and will write you  
my view concerning the situation

Very yours &c

A. P. Schenck

*Insull -  
I think better not  
give letter =  
who do we address  
regarding the telephone  
Edison*  
Dear Edison:---

74 Madison Ave,

December 18th, 1885.

I shall hope to see you on the steamer tomorrow, if not before. Shall be at the office of the Mercantile Trust Company between twelve and one o'clock.

I am leaving without anything definite upon several subjects we have verbally arranged. Should papers not be ready in time for me to take with me, please have them forwarded by first steamer, as I shall only remain in England ten days, after which communication with me by mail will be uncertain. At the Mercantile Trust Company they can always tell you where a cable will reach me.

I would like to get a letter of a circular character from you; I have already spoken to Mr Insull about this. Something like the form enclosed would be satisfactory, or you can alter it to suit yourself. Unless you can let me have this before I go, please mail it by next steamer, addressed to me at No. 6 Walbrook, London.

I would like to have you send me a first class photograph of yourself, writing your name at the bottom of it in your characteristic chirography, and a few words to indicate that it came from you to me, as, for instance, "to my friend,

2--

Col. Gouraud." I wish to have it with me to show people whom  
I meet in my long journey what you look like.

I remain, my dear Edison,

Very sincerely yours,

A handwritten signature in dark ink, appearing to read "G. E. Gouraud". The signature is written in a cursive style and is positioned above a thick, dark horizontal line that serves as a separator.

T.A. Edison, Esq.

Hotel Normandy, N.Y. City.

[ENCLOSURE]

Laboratory of Thomas A. Edison,

Menlo Park, N.J. Dec. 18, '85

To the

Directors, Officers & Agents of the various

Edison Electric Companies in Europe & America.

Gentlemen:---

Col. Gouraud is about making a tour of the world, and I am anxious to have him meet the representatives of the various companies bearing my name.

Col. Gouraud has been intimately associated with me in business pertaining to my inventions for the past fifteen years, and has represented my interests in England during that time as my partner and Attorney, and it gives me pleasure to commend him to the kind courtesies of my many correspondents.

Your obedient servant,

HOFFMAN HOUSE,  
BROADWAY,  
MADISON SQUARE,

NEW YORK, Dec 23rd 1885

Thomas A Edison Esq  
Newark:

Mr. P. B. Brady, Artist of Washington, one of your  
earliest converts, of your magister powers, who was  
honored with our Nationalist friendship years past  
in that City, is at present there in very great distress  
with an invalid paralysed Wife, at the very hour of death.  
He has forwarded to this City, from his Gallon a magnificent  
Portrait of the late Genl McClellan, for sale & disposition.  
His many friends here, have formed themselves into a  
Committee for the purpose of raffling same, to the benefit of  
so as to relieve his present pressing necessities, at this  
festive Christmas time.

I am instructed to wait upon you with 20 tickets <sup>10</sup> only to ~~you~~  
in hopes for your generous patronage to this very charitable  
Cause.

Your kind responses will be most gratefully acknowledged  
by enclosing same in accompanying envelope by mail.

Yours very truly  
M<sup>r</sup> Farrell  
Secy

M<sub>2</sub> 16



M. L. M. HUNSEY,  
Agent.

DEPARTMENT OF THE  
TREASURY  
OFFICE OF THE  
COMMISSIONER OF THE  
GENERAL AMERICAN INSURANCE CO.  
OF NEW YORK.

Menlo Park, N. J., Dec 24<sup>th</sup> 1885

Friend J.

Yours of the 23<sup>d</sup> recd  
I did not mean to imply that  
Mr E's mail would not be remailed  
as usual. I did not think of anything  
of the kind. I meant to say that it  
was worth perhaps \$5.— But as Mr E.  
thinks different— that settles it.

I will remail as before. If you  
think best to have some one else  
forward stamps for such matters as  
require restamping. all right or I  
will restamp as before. Sending  
in bill for stamps used only  
please reply  
Yours re  
M. L. M. Hunsey



Hotel 6 P.M.  
Sat Dec 1/84

Thos. A. Edison Esq.  
My dear Sir

Come here to invite you  
to call at our studio to  
Monmor between 10 & 12 o'clock  
To let our artist have  
a look at you to com-  
-plete the Oryon he is  
engaged on. Hearing you  
was indisposed I would  
most respectfully suggest  
if not suitable to mention

to call on Monday or  
Tuesday at my school  
convenient. <sup>Not</sup> not  
detain you more than  
10 or 15 minutes.

Hoping  
you will favor me  
with a reply to your  
I am very respectfully  
Yours,  
G. M. Hope

13.9 PM  
10.0.26-1878

Woodbridge Strong.

Edison & Strong.

Alan H. Strong.

WOODBIDGE STRONG & SONS  
ATTORNEYS AND COUNSELLORS AT LAW,  
118 GEORGE STREET.

Seaford }  
Edison }

NEW BRUNSWICK, N. J.

Dec 26, 1885

John C. Tomlinson Esq.

Dear Sir:

In November 1884 you wrote us that Mr Edison had no wish to place himself in the attitude of being in contempt of court by his disobedience to the order requiring him to make discovery which was served on him in New York City just prior to your letter & that if we would write you showing that the service of said order was obligatory on him he would attend for examination. Since then the question of the validity of the service has been twice raised & discussed on behalf of Mr Edison <sup>and decided against him</sup> once before the judge who granted the order, and again before the Supreme

Court. We furnished Mr Schenck some days ago a certified copy of the order of the Supreme Court advising an attachment against Mr Edison for contempt & Mr Schenck informs us that he sent the copy to you at once. We have not yet issued the writ for the reason that (assuming the sincerity of the profession made in your letter above referred to) we supposed Mr Edison would <sup>not</sup> signify his willingness to appear the examination before the Commissioner being still open for that purpose - If you will notify us immediately on receipt of this that Mr Edison will submit to examination as directed by the order <sup>of the Commissioner</sup> we will arrange with the Commissioner for any early day that you may indicate. Failing so to hear from you we shall delay no longer the proceedings for contempt.

NEW BURGESS ST. N.Y.

Very respectfully,

W. Strongson

THE REGALOC PLACES  
FURNISHED AND EQUIPPED BY THE  
MANUFACTURING TRADING & CO.

Manufacturing Co.

NEW YORK

NEW YORK

3909 Locust St.  
Philadelphia Dec. 27. 1885

My dear Edison:-

Some years ago you told me of some effects of mechanical vibration which you had obtained which closely resembled those produced by a shock machine upon the system. My friend Dr. Weir Mitchell desires to repeat these experiments, in connection with his physiological work and I have tried to reproduce them. But I can get no more than a tingling sensation by this rapid vibration, the part becoming numb. I understood you to say that in your experiments you obtained the same violent cramping of the muscles that is produced by a secondary high tension current. Will you be good enough to describe to me an apparatus by which I can get the results, as well as the conditions necessary? and oblige

Very truly,  
George F. Barker.

HOFFMAN HOUSE,  
BROADWAY,  
MADISON SQUARE,

NEW YORK, *New 30* 1885

Will Mr. Edison be good enough to return Trollet  
forwards to him for the "brady testimonial" if not  
accepted, as we have to close the business by  
tomorrow noon

Very respectfully

Jos Farnell

Thos A Edison Esq

Secy

HOFFMAN HOUSE,  
BROADWAY,  
MADISON SQUARE,

NEW YORK,

Dec 3<sup>rd</sup> 1885

My dear Mr Edison.

Your favor with check  
enclosed of 10 ft duly recd with many thanks  
for the "Merry Christmas"

Yours truly

Iris Farrell

See

Thos E Edison Esq

*Falk*

#PORTRAITS, #

247, 249 & 251 BROADWAY,

New York Dec. 31, 1885

My dear Mr. Edison

Please accept my  
best wishes for yourself and  
family, for the New Year, —  
and also the accompanying  
little token. Trusting that  
you have entirely recovered  
from your recent illness, believe  
me  
Yours most faithfully,  
*E. C. Falk*

Tomlinson  
(1885?)

Tomlinson

Will be over after  
meeting think it  
will be under  $\frac{1}{2}$   
hour

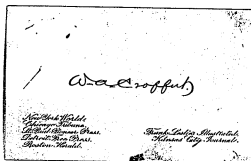
Ed

Lippell -

Have made out in Crafferts  
name 50 shares of the Railroad  
Telegraph Co and send to him  
saying that it may be worth  
something some day

Edison

[ATTACHMENT]



240 Fulton St -

Brooklyn NY, 1873

My dear Jackson

I am an applicant before Mayor  
Loan of Bklyn for Commission of  
Underground - where merit counts and  
not politics -

I desire as strong letters of endorsement  
as possible. addressed to me -

Will you be kind enough to favor  
me with one as strong as  
you consistently can and oblige  
an old friend & well wisher

Yours  
W. C. Coker

[TO EDWARD H. JOHNSON?]

PRACTICALLY FIRE-PROOF.

Lindell Hotel,

J. H. CHASSAING, Proprietor.

St. Louis, Sunday 1885

The enclosed slip  
shows for the name  
by which I am known  
all over this country.  
In view of this fact  
I hope Edwin will  
do as I do lead a pious  
and Godly life and  
wrestle with the Lord  
mightily in prayer as  
I do (did of old).  
I pray that God may  
give his unnumbered  
I certainly do, and  
my prayers are chiefly  
pointed at the  
Printed States Co, a  
lot of cheap Johns

Yours Ains,

Edw.  
"Edw."  
"Edw."  
"Edw."

Employment

Nov. 17

New York City

Mr. Edson

Dear Sir

you will excuse me  
for sending you this  
note but I called  
at the office but could  
not see you know doubt  
you will remember  
me as I worked for  
you on the grand  
trunk road years ago  
I live in Port Huron  
and will again with  
my Brother Peter and also  
your Father I have  
been sick in Hospital  
in Philadelphia for the  
past six weeks and came

from the far part of  
this week I am in  
distressing circumstances  
and if it is in your  
power would like you  
to give me employment  
I would like to see  
you or <sup>have</sup> leave answer  
to morning at 8 o'clock  
at your office if you  
cannot give me employment  
I would like you to let  
me have some money to  
pay my board for a short  
time as I know not  
a person in the city but  
you and if you grant  
me this favor I will  
never forget it as I  
have no place to eat  
or sleep excuse the liberty  
that I am taking and  
hope that I will see you

at the time appointed  
I remain yours

John Burk

**1885. Edison, T.A. - Accounts (D-85-004)**

This folder contains summary accounts relating to Edison's personal finances. Most of the other documents are trial balances and draft account sheets that were used in entering information into journals and ledgers (see Accounts Series). These have not been filmed. Approximately 40 percent of the documents have been filmed.

Book Assets  
Statement Jan'y 1 - 1885

Balance of Accts Rec<sup>d</sup> in  
 over Accts Payable \$ 25791.01

|                                |                  |
|--------------------------------|------------------|
| Machines etc in process        |                  |
| of construction — }            | 10311.17         |
| Cash on hand —                 | 179.20           |
| Raw material —                 | 15880.56         |
| Accts in Suspense —            | 1999.01          |
| Amper Dyn - Standardizing      | 2301.42          |
| Machy & Tools —                | 134113.88        |
| Patterning                     | 4081.86          |
| Horses & Trucks                | 3361.41          |
| Sundry Patents                 | 90.00            |
| Municipal Light                | 9038.59          |
| Office Furniture               | 532.13           |
| New Buildings                  | 3763.79          |
| E. Co. for Ind. & Stock        | 19288.66         |
| E. E. Dyke & Co. Ind. & Stock  | 17500.00         |
| Old C. Dyke & Co. Ind. & Stock | 28869.90         |
| process of construction        |                  |
|                                | <u>277102.70</u> |

Book Liabilities Jan'y 1/85

|                              |              |
|------------------------------|--------------|
| Capital                      | \$ 200000.   |
| Advances from<br>London Co - | 33333.33     |
| Advances from<br>Isal Co -   | \$ 100.00    |
|                              | <hr/>        |
|                              | \$ 236433.33 |

Difference of Book  
Assets over Liabilities  
(Profit & Loss) 40669.37

---

\$ 277102.70

# Memorandum on Accts Receivable

Jan'y 12-1885

Total                      \$ 68152.91

Evason & Hotalen Shifting \$ 20930.59

P. Addison 9592.30

Construction Dept 10277.82

\$ 40800.71

Less Cash given mms

9586.80

Machinery

Material

supplies

2537.32

12122.14

28678.59

\$ 39474.32

Less amt. paid in error 586.37

\$ 38887.95

Accts Payable \$ 42361.90

Accts Receivable

actually good - 38887.95 =

\$ 3473.95

T. A. Edison's personal liability  
to work from Jan 1<sup>st</sup> 1885  
E & B. Shafting & - 20344.22  
Less B's share - 4068.84 16275.38

T. A. Edison's account - 9592.30  
Construction Dept - 10277.82  
" " " " - 19870.12  
Less Cash given to him - 9584.50  
Machines & materials  
supplied \$ 2537.32 12122.12 9748.00  
\$ 24023.38

Revenue received by T. A. Edison  
from work from Jan 1<sup>st</sup> to  
Oct 1<sup>st</sup>, 1885  
April 1<sup>st</sup> Dividend \$ 10000.00  
June 30 - " " 11200.00  
Salary - Aug 31 - 2500.00  
" Sep 30 - 250.00  
Settlement with Batchelor 1991.53  
 sundry bills during year > 23691.53  
24023.38

# Book Assets Oct 1 / 83

|  |                  |
|--|------------------|
| Machines in process<br>of construction | 38024.23         |
| Cash on hand                           | 3571.83          |
| Horses & Drunks                        | 3193.76          |
| Office Furniture                       | 532.23           |
| Casts in Suspense                      | 468.44           |
| Raw Material                           | 20783.84         |
| Rock Drill Tools 4314.52               |                  |
| Acetylene & Dynamite Tools 6472.86     |                  |
| Wagon & Tools 12962.33                 | 140469.71        |
| Pattern Account                        | 5998.73          |
| New Buildings                          | 3199.22          |
| Dynamo Standard & Quig                 | 5508.04          |
| Patents                                | 225.00           |
| Old C. C. Dynamos                      | 24327.23         |
| Spindries                              | 22.40            |
| Illiuming Co's Stock                   | 17500.00         |
| Isolated Co's " "                      | 27450.00         |
| Municipal Light                        | 29124.66         |
|  | 79537.01         |
|  | <u>300811.67</u> |

Book Liabilities - Oct / 83

Balance of Accounts Payable } 12585.58  
X over Accounts Receivable }

Capital 200000.00

Advances from London Co. 33333.33

Advances .. Isolated Co 3692.55

249611.46

Difference of Books Assets

over Liabilities

(Profit & Loss acc) 51200.21

300811.67

{ Assets Payable - 60811.86 }

{ " Receivable 48226.28 }

\* 12585.58

# Profits & Loss Account

Oct 1<sup>st</sup> - 51163.69  
Jan 1<sup>st</sup> 40669.37  
Increase \$ 10494.32

Add dividends

Credited - \$

Apr 1 - Pathefron 2500.

Edison 10000. 12500.00

June 30 - Pathefron 2800.

Edison 11200. 14000.00

Actual increase of Profits \$ 36994.32  
from Jan 1 - to Oct 15.

**1885. Edison, T.A. - Advice (D-85-005)**

This folder contains unsolicited correspondence suggesting improvements in Edison's inventions, asking him for advice on technical matters, or requesting his assistance in improving or promoting an invention.

Approximately 30 percent of the documents have been filmed. Most of the documents selected for filming received a significant response by Edison.



Φιλοφρονειαν αγαλεις.

# Philophronean Literary Society,

WESTERN COLLEGE.

Prof. Edison

New York City

Toledo, Iowa,

Dear Sir:-

The wave theory of sound has been questioned in our college. Some objections are appearing to be well taken as the subject is discussed.

If you will please write your opinion, we as students of natural science will consider it a lasting favor.

If your time is too much employed to give your views in full please state whether you accept the common theory as presented in your text book or not.

If you reject the wave theory and will so state, it will be of great value to us as students.

If you will in addition to the above give your views, if only in a few sentences, it will be a great favor to us.

Very truly yours,

H. M. Brooke

(N.B. Enclose envelope ready for reply.)

Toledo  
Iowa Co. - Iowa

I think the wave theory of sound correct but the explanation in text book is wrong. I think Edison is wrong.

Regard - advice what to do with telegraph wire which has been burned.

COMPANIA LIMITADA DEL FERROCARRIL CENTRAL MEXICANO.

POST OFFICE ADDRESS

MEXICO CITY

57, Mex. Cent. Bldg.

Boil it in  
husked corn  
which is as good  
as galvanizing  
fits strength is  
not impaired  
I should string  
it.

The A. Edison Co.

Edison Electric Light Co.

New York City

Dear Sir

I feel that I ought not to trespass on your valuable time, yet I desire to obtain your opinion on a matter of some importance to myself, and to the company.

We have on hand some 150 miles of No 9 galvanized iron wire that has been more or less damaged by fire at the burning of the building in which it was stored. It seems a pity to make no use of it, and I would like to ask your opinion as to its availability for telegraphic purposes. I presume the conductivity is considerably reduced, but as yet I have made no tests with the galvanometer to ascertain to what extent. Would you recommend us to have it regalvanized? If so do you know the cost of

188

that I dislike to ask these questions of wire manufacturers, as they would be likely to say at once that the wire is useless.

I shall esteem it a great favor if you will give me your opinion in this matter, and shall consider it the most valuable that I can obtain. An early reply will greatly oblige

Yours Respy  
C. F. West

Superintendent M. C. Ry.

POST OFFICE ADDRESS  
DEL PASO TEXAS  
7/8 Mex. Cent. Ry.

*Idea*

149 West Adams St

149 West Adams St  
Chicago, Ill  
Dear Sir,  
I have been  
down in France  
about a year ago  
and I am now  
in Chicago, Ill.  
I am pleased to  
hear from you  
and hope you  
are well.  
Yours truly,  
E

There has been  
no trace

Chicago Ill

Three  
days ago

*J. A. Eby*

Time in 1900

2. 6 years were not they played

*[Handwritten signature]*

I take the liberty of  
addressing you in the hope  
that you can enlighten me  
(a poor struggling mechanic) to  
obtain an honest penny in a  
legitimate way. I have been  
experimenting for some time  
with Ether & Phosphorus trying  
to obtain a luminous light to  
be applied to a match safe to  
give a shining light at night.  
I am compelled to give up  
further experiment owing to  
my impoverished state. I  
have a wife and two small  
children dependent on me

and knowing as I do your  
scientific resources I take  
the liberty of asking you to  
give me the desired information.  
I think that such a  
preparation can be made  
of Ether & Phosphorus and  
placed in a small glass  
globes. If you can inform  
me as to the formula  
you will confer a lasting  
favor on me and I will  
be very glad to share my  
profits with you if you  
so desire.

Waiting a reply

I am, Sir

Yours Respectfully

E. J. Campbell

149 N. Adams St.  
Chicago - Ills

Draw.

Cairns Ritchie & Co Wm  
Feb 23 - 1885

Thomas A Edison Esq

Dear Sir

I wish to make you a suggestion  
in regard to the Telephone.

It is not patentable, and  
if you think it feasible,  
please recommend it.  
Your indorsement would set  
it in operation.

My idea is simply  
to increase the dimensions of  
the Telephone proportionally,  
and not merely in length.  
I propose a one or two inch  
iron rod as conductor, with  
a diaphragm of 10 to 20

feet in diameter.

As sound is but the vibration of air, having an intensity in proportion to the density of the air, and as air in the vicinity of masses of matter is dense in proportion to the force of attraction of the mass, it must follow that a large metallic conductor must convey sound to a greater distance than a small one.

As I do not wish to trespass upon your time, I will make my communication brief.

Yours respectfully  
John Clark

Westchester, Mar. 14, 1885.

Mr. Thomas A. Edison

Dear Sir:-

I hope you will pardon  
me for troubling you  
but I desire your advice  
for I know of no one  
whose advice I should

value more than yours.  
I am seventeen years of  
age and can solve any  
ordinary problem in  
Arithmetic, Algebra, Geometry  
or Trigonometry.

I wish to be an Electrical  
Engineer.

I desire to know whether  
I can become one better  
by entering a shop where  
electrical supplies are made

or by taking a course at  
the Stephen's Institute  
of Technology.

Very Respectfully Yours  
Wm Hoopes

William Hoopes Jr.  
West Chester  
Penn.

March 14<sup>th</sup> 1877<sup>101</sup> North 10th Street  
Philadelphia

Mr Thomas Edison

My Dear Sir. I beg  
leave to ask you whether in  
your experimentation you have  
met any material which will  
detect molecular motion? I  
ask this question in the interest  
of experimental physiology. <sup>Thinking</sup>  
that, <sup>under</sup> such a material we would  
be able to detect the impulse of  
an excited nerve.

If you can give me any  
information I can assure

you that it will be highly  
appreciated, and that it  
will aid in furthering a  
branch of investigation in  
which we are all deeply  
interested.

I am Sincerely Yours  
Thos. J. Mayall, D.

Lehigh University,  
Box 375 D. Bethlehem, Pa.  
March 20, '83.

Dear Sir,

In "Jumbo" there are 12  
7. M. coils exciting the upper pole-  
piece, while there are only 4  
below. Why this difference?

Are there more above to com-  
pensate for the mass of iron in  
the bed plate or base?

The "Electricals" are anxious to  
know; will you oblige us?

Truly

Horace M. Engle



Prof. T. A. Edison

Dear Sir;

It has occurred to me you can perfect an arrangement for voting in the Assembly or any body where it is necessary to call the roll often -

We have 128 members in our Assembly - & a great deal of time is consumed in calling the roll on the passage of bills and the various other questions that arise -

If each member's desk were provided with <sup>two</sup> electric wires, with a button on each end one for "aye" & one for "nay" & these connected or concentrated at the Clerk's desk & so arranged that a sheet containing the names of members could be placed in a frame under ~~the~~ at the end - the ~~for the Clerk's desk~~

having the names printed thereon and  
the vote indicated by dashes on the right  
or left of the name whether "yea" or "nay".

By some such means the whole vote  
could be recorded instantly - by the  
members touching the buttons - at  
their desks -

I merely throw this out as a  
suggestion to you to think of - and  
if worth your while, to perfect -  
I claim no invention myself -

Very Respectfully

Dan S. Lippin  
Sergeant at Arms  
Assembly Chamber

Albany N.Y.

I inclose a roll call which will  
assist - perhaps in making any  
meaning clear &

✓ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Allaby Cumberland

April 27<sup>th</sup> 1895

To J. A. Edison Esq. <sup>Friend</sup>  
Dear Sir

Det H. Dwyer Esq.  
I was failed

I am the same person that wrote  
to you from Australia some years ago about the  
guano tailings

I am told by seamen that there is a fortune for the  
man that finds out something to stop shellfish from  
growing on the bottoms of Iron Ships. I think I  
have found out what will prevent it, and that  
is Calcineity. I leave it to you to do the  
rest as you are the most able gentleman that  
I have heard of in the world and understand  
all about it. &c

In my part I cannot see any failure in the  
scheme

You can take all the honors of the invention  
&c all I want is some compensation of the  
volume succeeds &c

Yours truly  
admir Joseph Albion,  
Albany.  
Maryport.  
Cumberland.  
England.

To  
J. B. Edin. Esq.  
Wentworth.  
New Jersey  
N. J. America.

No trouble to coat  
old tubs with  
nice coating copper  
quickly & cheaply  
TAE

Thos. A. Edison Esq.,

Albert C. Bates,

141 Maiden Lane.

New York, April 29th, 1885.

Sir:-

A painted bath-tub is a nuisance. The majority of bath-tubs are made of tin, and even made of the best tin, the surface soon wears off exposing the rusty iron on which the tin was based.

If one of these unsightly tubs were filled with water, acid, etc added, and, in short, all the other material that enters into an electro-plating bath, could the tin particles be put in and a battery introduced that would plate the whole surface of the tub?

I know nothing of electricity in any of its departments, but it has occurred to me when I have looked on these unsightly rusted tubs, that if they could be re-coated with tin by some process of electricity without moving them, it would be a good and welcome thing.

There are thousands of bath-tubs in this City which are in a rusty condition, and if a method for re-coating their surfaces with tin were discovered and made known, the demand to put it in practice would be worth the trouble of the experiment.

If this is a practical idea, please let me hear from you.

Very respectfully,

Albert C. Bates.

Stethoscope 19 East 33<sup>d</sup> St.  
New York May 3<sup>rd</sup>, 1885.

✓  
✓  
✓  
✓

Mr. Edgson:

Dear Sir, a former number  
of the New York Medical  
Record is a paragraph saying  
that you were engaged in  
perfecting a new stethoscope.

If it is not asking too  
much of you will you  
tell me if you have yet  
perfected it and if so

to send p1  
of the will. Not work

whether I can see it anywhere  
in this city. I expect  
to read an article on

stethoscopes before a medical  
Society in New York near  
the end of the month  
and would like to mention  
yours if it is completed

I remain,

yours truly

J. M. Cannon M.D.

Respect

76  
New Orleans, La.  
May 22<sup>nd</sup> 1876  
Mr. Thos. A. Edison;

Members Park. } Dear Sir: If  
the circumstances do not justify me,  
please pardon the liberty I take in  
addressing you - I am an hum-  
ble investigator in the vast fields of  
Electricity. Together with a large  
Army I have been making an effort  
to shear Sheep by Electricity - that is  
to burn the wool off by the means of  
a hot Platinum Wire - We have failed.

We are poor men and having ex-  
hausted our resources in experiment,  
we thought that we would appeal to  
your generosity - Of course, there is  
no difficulty in heating the Wire hot  
enough to burn off the Wool; but the  
Wire is scarcely in contact with the  
Wool a second until it is black  
and will not heat any more - If

It is well known it will soon become  
red again and then will burn off a  
small portion of soil; but decreasing  
each application, until it will  
heat no more. Why is this? And  
what is the remedy? If you be-  
lieve that this thing can be done and  
will point the way, we are willing  
to offer a half interest or more  
in the Patent. Pending. If you think  
the thing is not feasible, you will  
confer a favor by stating same and  
reason why it cannot be done.

And Very greatly oblige

Yours Truly  
T. W. Carter.

Box 2670.



SAMUEL SWAN, M. D., I.H.A.

OFFICE HOURS 10 TO 1

13 W. 38TH STREET,

NEW YORK June 14 1885

Thos. A. Edison Esq

Dear Sir

In my studies relating to the Cause of Cholera, I am led to the belief that it is not contagious, or infectious, but that the causes must be looked for in the Atmosphere -

It was noticed in Marseilles when the Cholera was most severe, that there was a deficiency or absence of ozone in the atmosphere.

I have been making tests for ozone, by means of Lissmann's paper, and while one day, when the wind was South West, the sky clear, & the air refreshing, there would be no change in the litmus, another day when, there would be <sup>abundantly</sup> no oxygen in the atmosphere, the litmus paper would be nearly white, showing



SAMUEL SWAN, M. D., I.H.A.

13 W. 38TH STREET,

Office Hours 8 TO 1

New York 188

a great amount of Acid in  
the atmosphere -

Again, I have a sensitive  
patient who can invariably  
foretell a Thunder Shower by  
her sensations on rising in  
the morning - These things  
lead me to the conclusion that  
the Causes are all Electrical -

I take the liberty of writing  
you who know more about  
Electricity than any one I know.  
If you have any instrument  
to detect electricity in the  
atmosphere, or, as I have a very  
sensitive galvanometer, could you  
tell me what metals to put on  
the poles & how to arrange it  
so that the Acid of the Atmosphere  
would generate electricity suffi-  
cient to deflect the needle - The  
batteries I have with my Laboratory



SAMUEL SWAN, M. D., L.H.A.

Office Hours 10 TO 1

13 W. 38TH STREET,

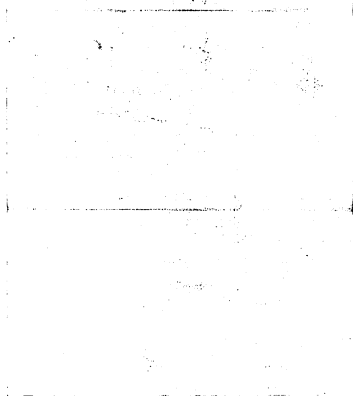
New York 188

(3)

ometer, has a strip of fine  
tine of Platinum; & there is acid  
enough in ordinary Carbon Water  
to cause the deflection of the  
needle - If you can assist  
me from the vast storehouse of  
your experience, to enable me  
to prosecute my investigation  
I shall be much obliged, &  
I shall look upon it not as a  
personal favor, but as a con-  
tribution to a scientific study  
of a most important phenom-  
ena -

Very Respy  
Sam Swan

Handwritten notes in a cursive script, possibly a shorthand or a specific dialect. The text is arranged in two lines, with the first line starting with a small 's' and the second line starting with a small 'h'. The handwriting is fluid and somewhat stylized.



Bloomington  
Orange Free State  
South Africa.  
June 24<sup>th</sup> 85

Dear L.

You will excuse me  
for troubling you, but as I have  
neither the means or appliances  
to test my vision, I thought I would  
write to you as if I am not perhaps  
just, to think of signalling at night  
by both land and sea. You will  
of course be able to put rather  
a rough statement together -

We have just received some Heliograph  
for the Government, and in working  
them it struck me, that with  
the electric light, it would be practicable  
to signal for very long distances at  
night -

I would suggest using the Morse  
Key, or something on the same principle.  
Have an Electric Lamp at the front  
board - or some prominent point on  
board - of course with the necessary

apparatus in border land -  
A key, or something like one in other  
more principle, using the Morse  
Alphabet, - My dependence of the  
key, you would hope the lamp &  
by letting go first & out again, then  
you could form dots & dashes  
I of course know there would be  
a great many difficulties in the  
way, but I think they might be overcome  
For instance the key would be held  
to force, then could be prevented  
by allowing it to have certain play,  
the key frame being made of carbon  
which when brought within a certain  
distance of each other would allow  
the current to flow -

I am employed as Chief Clerk in  
the Telegraph Dept here, and shall  
be very glad to hear whether or  
not anything could be made of  
my suggestions - If you think  
they are of any use, & the patent  
costs not too high, would you  
take out a patent, but in America

and England & any other countries  
a station, that is of course if you  
think money could be made by  
it, as I say I have not the  
means to fund it forward myself  
but if you could, push the thing  
forward & give me a share of the  
profits I would be satisfied

Yours  
J. A. Colson  
J. A. Colson

To  
Thomas A. Colson Esq  
New York

17 Clinton Place  
(Opp. Clinton Street)

New York, Wednesday, July 22, 1886

Thos. A. Edison

My dear Sir

Some four years ago, I called upon you at your workshop, for the purpose of calling your attention to an invention of mine in the department of Aerial Navigation. Our men, although ever busy, courteous enough to listen to the outlined ideas which I then presented; and agreed with me in the belief that success, in a then not remote future, in that special direction was to be expected; but that you were then too much engrossed by labor already in hand to take it up. My adoption of form, and other material considerations, have already, been approved (in essentials) by a French inventor.

I also associated the general form—that of an elongated ellipsoidal figure, with my studies in connection with projectiles for all arms of rifled character. That has also been adopted, I am told, by our Government. I mention this as ~~an~~ a reason (if any is necessary) for now calling your attention to a new thought which passed into my mind yesterday like an inspiration. It may be an idle dream! If so, the resultant will be but a cypher. It may be a revelation of a truth important and far-reaching as man, his needs and the march of this high civilization which will overshadow or eclipse the present as our ~~own~~ <sup>own</sup> day. Does that of a poet speak?

Taking it for granted, the best known forces of

our luminary, the sun, - as transmitted heat, - and  
light, heat, Magnetism and Electricity; and while we,  
to a greater or less extent, all interchangeably, - to these  
not among those one which had not as yet been har-  
nessed to the requirements of man? And is not  
that one, Electricity? Of course, I am recognizing  
those natural functions which are as all familiar with.

But is not there a way - a process, by which a suffi-  
cient portion of the electricity which the sun sends to  
our earth's surface, and <sup>which</sup> is absorbed by it or enters into  
the processes of the earth's multi-form life, can, by  
methods known, or which may be ascertained by such  
a student as yourself, be stored and used for all  
the great work of the world - now, in a great part,  
performed by Steam? And will not the adoption  
of Electricity as a general motor for earth's present needs  
release or simplify the toil of the general masses?

This is only a hint. I send it to you as  
such. Capture the electricity of the sun, or a  
sufficient portion of it, and harness it to the world's  
work. Do this, and you raise the physical, mental  
and moral status of the world's inhabitants to a  
perfection which only makes a millennium a possibility  
it.

Respectfully, Yours

John S. Robinson

1812/1885 70 years

[ATTACHMENT]

Tell him I'm away for month  
G. A. G. or so on a vacation will hand letter  
to me on return <sup>see</sup>  
It seems to me that no  
to give some kind of answer  
to a man who would two  
pages at 20 years of age  
shall I say to him

GEO. SELDEN, PROPY.  
AND H. SELDEN, PROPY.  
GEO. D. SELDEN, TREAS.

# Erie City Iron Works,

MANUFACTURERS OF  
STEAM ENGINES, BOILERS

CIRCULAR SAW MILLS, ETC.

IN REPLY TO YOURS OF

*I tried it  
but it has been done  
by other without  
effect. I would  
like to make  
one of your  
#65 Fifth Ave  
New York City  
I was  
very  
pleased  
to  
hear  
of  
your  
success  
in  
making  
it  
work.*

Dear Sir,

I take the liberty of making it  
an inquiry of you in regard to whether  
you have ever experimented with charging  
a molten mass of iron by electricity, or  
magnetizing the same, and if so what  
effect have been produced upon the iron  
if any, when cold.

As what would be the effect  
on the molten mass if it was forced  
into an iron mould highly magnetized?

Should you find time, and be pleased  
to favor me with your opinion, you will  
greatly oblige.

Yours Respectfully,

Frank A. Cady.

I cannot see how your  
plan would work

2 La, Kansas, Aug 26, 1885

Mr. Edison:

Dear Sir - I wish to present to you in a few words, so as not to trespass long on your time, a want which I think the Times has arrived for meeting, & I have not the material for carrying on the experiments or am probably not electrician enough to make the experiments if I had, so I wish to present the matter to you.

The daily newspapers are so using their best endeavors to get out illustrated editions. But the process of engraving, besides being expensive, is too slow for a daily paper. Col. Hale, the great press manufacturer, said a short time before he died about a year ago that the next invention in printing presses would be by a photographic process, and I believe he was quite right in a great deal of thought. Now I will present a plan, I do not know that it would work, but you will get an idea of what I am dressing at. I have seen it stated that paper coated with <sup>potassium</sup> ferrocyanide and placed on an iron plate which had been coated with varnish. The picture is then

~~drawn~~ drawn on the iron plate with a sharp point so  
as to scratch away the varnish. A copper plate is now  
loose pressed on (the paper being between the two  
plates) the plates are then connected with a battery  
and ~~these lines~~ blue lines are thus formed on the  
paper where ever the lines were drawn  
on the iron plate. Now suppose that this ~~copper~~  
plate drawn on was in a "form" of type, and  
a paper moistened with potassium ferrioxanide  
was pressed on with a "platen" of copper and a  
current of electricity passed through. Would it  
include the picture and reading too? I have also  
studied about selenium for some process of printing  
pictures. But as I promised to be brief I must close.  
Just as I was closing this it strikes me that you are a  
practical printer yourself so that you will see at once  
the want there is at present for such an invention, and  
if you are interested in such an invention will you let  
me hear from you? Please <sup>consider</sup> keep this letter confidential  
and don't expose me as a crank - if I am one!

Respectfully

Edw. E. Rohrer

Dola, Kans.

Allen co.

Its impossible for me to  
give you advice I  
hope to learn by experience  
Baltimore Sept 2nd 1885

Thos A. Edison Esq

Dear Sir

Having seen

The news papers that have  
your dealing with your  
valuable inventions you  
have furnished with the  
money by some one your  
Lawyer to protect and get  
out your patents, will you  
be kind enough Sir as to  
give me a little advice as  
to how I shall proceed to  
save a valuable invention  
from patent thieves I have  
not the means to pay for

a patient and don't  
know who to trust as  
I have been swindled out  
of some money already  
Believing a man of your  
successful experience would  
know to show the right way  
I have taken the liberty  
to ask you for advice  
Hoping you will excuse  
me for intruding on your  
valuable time. I remain  
Very Respectfully Yours  
Thomas Ready

61 North Calvert Street  
Baltimore  
Ch. D.

Art Wadsworth  
Sept 3/85

tell her this  
swindle

Mr. Eldredge  
Sir

Last Monday; Am  
Apparently well drawn  
and smart looking  
(that describes the male  
looking brown eyes, and  
arched like way)  
Young man, among the  
hell, announced him  
self to me by Mr. Eldredge  
He introduced a new  
invention of his, in the  
shape of an electric  
wire that after it had  
been energized three

how he came forth-  
hand; And the lamp  
was filled with  
Persian oil, and  
not require filling for  
90 days. It was such  
an extraordinary novelty  
that I could not believe  
it. And yet for some  
decades such an  
artificer - I asked  
him for his circular  
or card. He said  
he did not have any  
not at all necessary  
the demand for the  
thing the people? Then  
why does Mr. Elmer  
say you is come before  
us? He introduced  
it every where. The  
wheels looked like,  
and the ordinary cotton

and Mr. Elmer's report in 1840. He  
visited a great many in the South  
himself. I had known as well as  
myself & sent back - and he was  
doing a miracle - he is doing for  
himself in the Army and Navy. He  
said that that evening he had  
shook one of the old immigrants  
also, for very creditably - the old  
husband and wife and several of  
the whole family coming to a house  
across. They had almost reached in  
California. He had done it up to  
a young woman and the probability  
of the people they were with them in the  
upright form. Mrs. Elmer said

24<sup>th</sup> Sept 9/85.  
Thos A. Edison Esq.  
Dear Sir I take the liberty  
of addressing you, on a subject, relating  
to the use of Electricity, in producing  
Steam-Power.

As far as I can learn it has  
always been the aim of Practical men  
to produce Electric motive Power, by  
the use of Steam power. now has it  
never suggested itself to you to reverse  
the sublt, and produce Steam by the  
aid of Electricity. - The idea occurred  
to me one day when I was in the Erie  
Depot at D. C. at the Regan stand where  
they had an Electric Regan lighter, that  
when you wanted to light the Alcohol  
Torch you dropped the Jink into the  
acid, and a Platinum wire became  
heated, and remained so as long  
as the Jink was left in the Acid in  
the jar. As I am neither practical  
nor theoretical, I thought there could  
be no harm in bringing the matter to  
your notice - My idea is this, that  
if a sheet of Platinum could be  
heated by Electricity, and a spray

of water, thrown upon the heated  
Platina, that would produce  
Steam, if this is so it seems to  
me my idea is all right -

If not asking too much  
I would like to hear from you  
and if you think it worth while  
to have our call, I could explain  
more fully

Yours Resp  
Chas. Bauer.

221. E. 105th St.

City.  
D



to communicate the facts to you & give you all preferences over my-  
 ourselves, should it be desirable for your party within a reasonable time. It  
 took hold of the meeting recently for to reject it. I also promise in case  
 of success, to pay without delay for both the leaves & the printing, and  
 to make any reasonable concessions or allowances for the printing, etc.  
 me. I am an old Engraving Operator. I began the business the year that  
 you were born in 1847, and kept at it until 1886. The first while your  
 exchanged between New York & New Orleans direct, through Vails & Rockledge  
 up to the year at change between Mr. Carr of New York & myself in 1849  
 or 1850. The first exchange was also sent by him to me for that year. Carr  
 resigned, announcing the arrival of a Relative Member at Halifax &  
 which had not yet touched for what there - this was considered a great  
 feat then, and I hope this time of the preference below will satisfy you  
 as to my character & standing in the community, and if it will  
 your power to grant my request, although I hold with perhaps, in view  
 that New York & New Orleans, once more, through the agency of Carr  
 again, will perform another feat, which I am confident will be a head  
 be now trying hard to accomplish - i.e. to purchase such a letter  
 I have submitted to you - not only for printing but also for printing.  
 Mechanics &c. &c.

I refer to -

George Pickens Esq. - President New Orleans Convention  
 James Dwyer & Oscar Dwyer - Proprietors New Orleans  
 Geo. McKnight Esq. - Secretary New Orleans Convention  
 Charles McKnight Esq. - Vice Secy. same Convention  
 Thomas Sewell Esq. - Manager Printing & Engraving  
 15 Dauphin St.

Very Respectfully,

Arthur J. Perkins

Carrington & Dwyer, 15 Dauphin St. N. O.

1850  
 1850  
 1850

Baltimore Nov 7 - 1885

Mr. Thomas A. Collier

Dear Sir

Could you tell  
me if there is a motor and battery  
for driving a boat. The power must  
be at least four horse. The boat  
will be 24 feet long.

Yours truly

H. C. Jackson  
# 21 Park Ave  
Baltimore

None in this  
country  
but one in England  
Don't know  
name of  
party

Mr Thos. Edison -  
Dear Sir:

Manatee, Florida, Nov. 24, '85.

Being interested in your great inventive  
genius I always read any matter in  
which I see your name mentioned. Some time ago  
I think you were seeking for a vegetable carbon  
that can resist consumption as much as possible. In  
my business of fruit growing I often have oc-  
casion to open holes in the ground, & in doing so  
I have been surprised to find in land, that has been  
cleared of its original growth for fifteen or more years,  
numerous roots of a species of palm which appear  
as sound as those from growing plants, though from  
their frail appearance one would suppose that a  
few months burial in moist ground, when separated  
from the producing plants, would entirely rot them.  
This apparent indestructibility may prove them valuable  
for vegetable carbons, & if wished I will send you  
some for experiment.

Yrs truly

W. J. de Poncey -

Nov. 24, 1885  
Manatee, Fla.

N. Y. Dec 10<sup>th</sup> 1885.

Thos. A. Edison Esqr

Dear Sir

About the early  
part of last September, I addressed  
you, in regard to an idea of  
mine, as to producing Steam by  
the aid of Electricity.

Until last Evening I was  
under the impression that you had  
taken no notice of my letter, but  
in looking over some papers at  
home I found one of your Envelopes  
Postmarked Sept 19<sup>th</sup> 6. P.M. Station D, but  
the contents and missing and I have  
never seen them.

If not asking too much I  
would request you to let me know  
what the answer was.

Yours respectfully

L. L. Bowen  
Nov. 8. 1885

Sept 10-88

Refusing to your  
favor of gift wish  
your scheme is. I think impracticable  
on account of expenses

Yours truly  
PAE  
J

2881 #01.55 (151)

**1885. Edison, T.A. - Articles (D-85-006)**

This folder contains letters requesting Edison to write articles; correspondence relating to articles about Edison or his inventions; and letters from journalists seeking to interview Edison.

All the documents have been filmed.

Class. 44-1  
WM. D. WHITING,  
TREASURER AND SECRETARY.

EDWARD ATKINSON,  
PRESIDENT AND TREASURER

Boston Manufacturers Mutual Fire Ins. Co.

121 DEVONSHIRE STREET

Removed to 31 Milk Street

Boston, Jan 1 1885

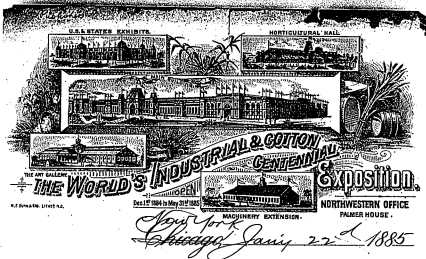
Thos. A. Edison, Esq.  
65 Fifth Avenue, N.Y.  
Dear Sir,

At Phila Electrical  
Exhibition, you kindly  
showed me your  
discovery of the  
phenomena relative  
to electrical action  
through vacuum  
in an Edison lamp.

In Engineering, Dec  
19, you will find  
a description of the  
matter, as well as  
a description of the  
Edison Exhibits, which  
space compelled  
me to condense as  
much as possible.

Yours truly,

C. J. H. Woodbury.



New York  
Chicago, Jan'y 22<sup>d</sup> 1885

Prof Thomas A. Edison  
63 Fifth Avenue

My Dear Sir,

A History of the  
World's Exposition is to be pub-  
lished in parts, Elegantly engraved  
and printed, to be sold by sub-  
scription. It is intended to  
make it a complete work of  
reference for the library.

I wish to know if  
you will not prepare  
an article on the Electrical  
industry to be incorporated  
in part one, which will  
shortly be prepared for press.

An early favorable response  
will greatly oblige

Sincerely Yours J W Ryckman  
Historian World's Exposition  
New York Hotel, City

Publishers  
JOHN WILEY & SONS,  
PUBLISHERS,  
NEW YORK.

Jan 22 1885

Mr J. A. Edison

Dear Sir

Mr Sledge writes us he  
has enough matter for  
an additional Volume of  
Electric Lighting - if you  
have any. Pleasas you  
would like inserted in Vol  
III I will let me know  
I will call & get them.  
Yours Truly,

Os. Wiley

15 Astor Place

*Publishers*  
E. L. KELLOGG & CO.,  
EDUCATIONAL PUBLISHERS,  
25 CENTRE STREET, P. O. Box 1698,  
NEW YORK, N. Y.

The correspondence of this office being very large, it often is necessary to discuss queries in short-hand writing, the intention being printed as typewritten matter; errors, grammatical and otherwise, must necessarily occur from this, and the good sense of those receiving the letters is relied on to excuse them.

THE SCHOOL JOURNAL,  
THE TEACHERS' INSTITUTE,  
TREASURE-TROVE,

TALKS ON TEACHING,  
QUINCY METHODS,  
PAYNE'S LECTURES, ETC.

N. Y. Jan. 26, 1885.

Mr. Thomas A. Edison,

Dear Sir;

I am  
preparing an Educational  
Calendar for the use of  
teachers in their schools.  
The character of your in-  
ventions merits the introduction  
of your name. Please give  
me a short sketch of your  
life with the name of your  
principal inventions and  
what else <sup>which</sup> would be of  
general interest. The forms  
are set on Saturday and I wish  
to use your name in the next  
issue.  
Yours respectfully,  
N. O. Willhelme.

Publishers

# Société Générale des Téléphones

(Réseaux téléphoniques & Constructions électriques)

Société Anonyme au Capital de 25.000.000 de Francs

Les Communications sont prises gratuitement  
à l'Administration Générale.

*I must get  
Thos. the papa &  
have it translated*

*St. Rue Gayrardin.*

*Paris le 28<sup>th</sup> January 1885.*

*E  
Edisons Esq.  
65, 5<sup>th</sup> Avenue.*

*New York*

Dear Sir:-

I send you by this mail a copy of the  
"Lumière Electrique" of the 24<sup>th</sup> January 1885 in which  
you will find an article signed J. Bourdin on  
"The Question Helps-Edisons".

After you will have carefully read the arti-  
cle, we should be very much pleased if you would  
either have an answer published refuting the  
assertions brought forward, or, which would  
be just as well, send us your personal views  
on the subject for publication, that we may be in  
position, not only to answer to the article here, but  
also to enable us to sustain your own name,  
claims & Patents in the trial actually pending  
before the French Court.

I think this attack to be important  
enough to demand a prompt action in defence;

I hope you will be of the same opinion & that you will give the matter your particular attention

Trusting in a reply from you, I beg to remain,  
Dear Sir,

Yours very respectfully

L'INGÉNIEUR-DIRECTEUR  
DE LA CONSTRUCTION ET DE L'ÉPLOUVAGE

A. Berthou



MAIL ADDRESS,  
Lock Box 956.

Office of  
**The Railway News.**  
A WEEKLY JOURNAL OF RAILWAY INTELLIGENCE  
Published at 329 Walnut St by  
**The Railway News Printing & Publishing Co.**

George Cohen,  
President.

Philadelphia, April 13, 1885

Prof. Thomas Alva Edison  
Pres. in Edison Electric Light Co  
# 65 Fifth Ave N.Y. City.  
Dear Sir,

Per some mail we  
send you last number The Railway News con-  
taining your interview with our N.Y. Correspondent  
The Atlantic N. York.

Enclosed we hand you subsc order and  
request authority to place your name upon  
our mail list.

Very respectfully  
George Cohen  
Pres & Co



TELEPHONE CALL: "MURRAY 588"  
CABLE ADDRESS: "ELECTRICA" NEW YORK  
PUBLICATION OFFICE: 100 N. MURRAY ST. NEW YORK  
WESTERN OFFICE: 1923 BERDEN BLDG. CHICAGO, ILL.

New York April 29 1885.

Dear Sir,

Referring to our interview  
of Monday last, regarding your railway  
induction telegraph, would you be kind  
enough to name time and place at which  
I could meet you on Monday for the purpose  
of a visit to Staten Island.

Hoping for a timely reply, I remain

Yours Truly,  
Joak Metzler.

Mr. Thomas A. Edison.

New York City.

# The Telegraphers' Advocate,

A Record of Events pertaining to Telegraphy.

J. B. TALTAVALL, EDITOR AND PROPRIETOR.

ELECTRICAL AND SCIENTIFIC BOOKS. PRINTING OF EVERY DESCRIPTION.

Answering Letter of

New York, May 20 1885

J. A. Edison Esq. City.

Dear sir:

The Telegraphers' Advocate makes its appearance  
to-day as a 16 page paper. We have a number of manuscript  
testimonials from prominent electricians and desire yours, which  
you promised us a year ago, if you are now inclined to give it.

The "Edison Electric Works" ad. which you kindly  
gave us at the rate of \$24. per year, twelve  
months ago has expired. Can you aid us  
in having it renewed.

Yours very truly  
J. B. Taltavall

343 Adelphi St.

Brooklyn, May 23, 1885.

Thomas A. Edison, Esq.,

Dear Sir:

The enclosed circular  
will tell you who I am.

In writing a new chapter  
on the civil progress of our country  
I want to say in a very brief way  
something of the telephone. Am I  
correct in using the following words?

If not, will you please set me right?

- It is not <sup>possible</sup> known who first invented  
a plan for sending audible speech  
long distances by means of electricity,  
but the names of Elisha Gray, and  
Professors Bell, Dolbear, and Edison

appear most prominent in connection  
with the invention of.

I know that I ought to ask  
some other party to do what I am  
asking you to do, but I am at a  
loss as to the party. I have  
need books, articles, and decisions  
on the subject, and, as a result,  
am quite bewildered. Please  
help me.

Very truly,  
Hlm J. Anderson

Wm J. Anderson  
Commence 1892

Referring to your favor  
of 28th inst I enclose  
you will see Benson's personal  
note  
submitted on the  
subject of telephones  
thinking you would rather  
have and also see the memo. and

Bretford

THE NORTH AMERICAN REVIEW,  
NEW YORK.

Editorial Department.

June 6<sup>th</sup> 1883.

Dear Mr. Collins:

Will you kindly do  
us the favour to tell us  
who in your opinion  
would write the ablest  
article on the Price of Law,  
going to show that the  
people of all our cities  
are charged too much  
and that the profits of  
the companies are too  
large. If several names  
occur to you will you

please mention them all  
very truly yours,  
L. S. Metcalf

Editor's Office of The Sun,

New York, June 8, 1885

Dear Sir:

Royal W. Merrill  
is the regular cor-  
respondent of the  
Phila. Press, and  
his "no good."

Yours truly,  
Amos B. King



D. LOTHROP AND COMPANY,  
Importers, Publishers, and Booksellers,  
FRANKLIN AND HAWLEY STREETS,  
BOSTON, MASS., U.S.A.

June 11 1885

The Thomas Edison,

Brooklyn,

Dear Sir, as the Editor of West's Review,  
(the Boston magazine of young folks) to ask you  
in behalf of my thousands of boys if you will  
write a half dozen little papers for them  
introducing them in the wonders & possibilities  
of electricity, not by giving them school-room  
explanations, but by recounting to them the steps of  
some of your own experiments, in a jolly off-  
hand way, as you would talk to a dozen  
bright young fellows. Old folks & young - on all  
small rather than just the school. We have  
a Challenge organization of young folks for which

multiply the "Reading" thought our magazine, and  
it is especially of the "Reading Union" that it wants  
these papers. I do trust that the thought of  
what such a series of articles would have  
been to you in your boyhood, will tempt you to  
make an hour or two each month in your  
busy & important life, for this work.

I would add that checks for the amount  
in name, will be sent promptly on receipt of  
each lib.

I hope they are my friends. This my somewhat  
urgent request; it is from an Editor who hates  
to find his eager boys dull or valueless reading.

Very truly yours  
(Mrs.) Ella Thomas Pratt.

**The Ohioan.**

Massillon, Ohio. July 2<sup>nd</sup> 1888.

Mr. Thomas C. Edison.

Dear Sir:

We enclose to you circular  
explaining of a new paper, designed especial-  
ly for North-eastern Ohio. We have met with  
the encouragement of all our best people and  
we feel assured of ultimate success. We are  
heart and soul in the work and of course  
one decision of making our first number a  
striking one, as upon that we will, however  
unwisely, be judged. That there must nec-  
essarily be shortcomings in an initial number  
every thinking person will admit but as we  
know the mass of people will make no allowance  
for mechanical errors which can only be  
subdued after long organization. We trust to  
make up this deficiency in wealth of matter  
and remembering your Milan nativity and  
thinking ~~that~~ you might still feel some  
interest in the affairs of your old home  
we address you for advertisement on the

• The Ohioan. •

Massillon, Ohio, ..... 1885.

friend. Can you not aid us by  
giving us some article - however short -  
upon one of the many topics with which  
you are conversant for our first  
number. Trusting that this  
letter will meet with favorable  
consideration we remain,

Yours very truly  
The Ohioan

[ENCLOSURE]

It will appear about August 1st, 1885.

# THE OHIOAN,

A WEEKLY JOURNAL.

Devoted to the Literature, Art, Sports and Amusements

—OF—

*Stark, Summit, Wayne and Neighboring Counties.*

---

## PROSPECTUS.

---

What district in the State can boast of the population, the wealth, the intelligence, and the resources of this, dotted as it is with bright, progressive towns, emulating each other, yet without having kindly, neighborly feelings one for another, and not one of them a large city? Each one has its papers that furnish the local news. But there is another field, not large in any one town, but in the aggregate, immense. You may not know that this is so yourselves, for our mission is to develop it. It exists in a National and local sense, and is covered for the Nation by the Century Magazine, and the local field we will try to cultivate in The Ohioan.

The idea of a paper of this character, as applied to local journalism, we believe to be original with us; and after having broached the subject to prominent citizens throughout the territory named, and having received their hearty approval and encouragement, we have determined to place the matter before the public. We will attempt to anticipate in that which follows, what the proposed journal will be.

[ENCLOSURE]

# THE OHIOAN.

## LITERARY DEPARTMENT.

The Literary Department will be supplied with well written articles on subjects within our scope, by ladies and gentlemen resident in our territory, and whose names will be an ample voucher for **THE OHIOAN**. Among the Special Features to be introduced are:

**A Series of Papers on Our Pioneer History.**—A great many local histories have appeared, but none of them have proved satisfactory, either hiding some advertising scheme, or treating too much of the present, that we know, and not of the past. We promise to bring to light the History, the Traditions and the Anecdotes of the long ago which rest only with the gray haired settlers who so fast are passing away.

**A Series of War Sketches and Reminiscences.**—By participants, who will write from the soldiers' standpoint.

**A Series of Papers on Athletic Sports.**—This series will comprise articles on Bicycling which will be of vital importance to all lovers of this popular pastime. "PLEASANT WHEELS" will be given by different bicyclists, mapping out pleasurable rides in this vicinity. There will also be articles on Hunting, Fishing, Boating, and all healthful amusements.

**And a Series of Papers on Archaeological Discoveries.**—The subject matter of these articles will deal with the territory in our immediate neighborhood.

Together with these features the Literary Department will be replete with original stories, poems, and short contributions on topics of general interest.

## MUSIC, DRAMA, AND ART.

We will have articles on the Technique of Music from the pens of eminent professors, with suggestions on Theory and Practice.

Articles will appear on the World Dramatic, its inner workings and its future in the smaller cities.

Letters will be published on examples of modern local Architecture, by representative architects.

## THE NEWS DEPARTMENT.

You have a right to mutual amusement, and it is proper that you should count it. In our Literary Department we will try to rest your head—in our News Department we will tell you how to rest your body. Do not the two go hand in hand? There are in our counties hundreds of young men, merchants, bankers, skilled mechanics, lawyers, doctors and preachers, who spend part of their leisure hours in wheeling, boating, shooting, fishing, driving, and the like.

We will tell them of the doings of their brethren.

We will have Society Letters by social leaders.

We will have bright Dramatic and Musical correspondents in every town.

We will serve you all the news of this kind without giving any town the preference.

While not pretending to furnish the amusement news of the country, we will have short, spicy letters from Washington, New York, Chicago and Cleveland, containing a digest of such news.

We will not deal in petty personal, scandals, or anything low or degrading. We want to be as original in everything as we are in our plan.

We have a thousand other plans which will amuse, and we hope instruct you. **THE OHIOAN** will be your paper, look upon it as your personal friend. We take the greatest pride in referring you to the list of our contributors to be found on another page.

## THE PAPER.

Typographically **THE OHIOAN** will be as near perfection as modern appliances and skillful workmen can make it. It will be a five-column four-page journal, printed in clear type, and upon highly calendered paper.

Before the first number can be issued it will be necessary to have a certain number of pledged subscribers, and inasmuch as **THE OHIOAN** will be a purely local paper, these must be secured immediately within the territory which we hope at first to enlighten. We must have a guaranteed list of two thousand, and having this we can ensure the existence of the paper. The guarantee subscribers agree to pay One Dollar and Twenty-five Cents (\$1.25) for one year's subscription, upon receipt of the first number. We will not go to press without this assurance. We now place in the hands of the public the life of **THE OHIOAN**.

[ENCLOSURE]

**OUR CONTRIBUTORS.**

Our time has been so short that we are not able to present all the names that we otherwise should—we are now perfecting arrangements with many others. Thus far we have secured the following, and their names speak more than our text:

|                              |                         |
|------------------------------|-------------------------|
| JUDGE C. E. GRANT.....       | Akron, Ohio.            |
| GEN. A. C. YARRIS.....       | Akron, "                |
| F. O. WEARY.....             | Akron, "                |
| GEO. W. KRAMER.....          | Akron, "                |
| GEO. S. CANNY.....           | Akron, "                |
| LOUIS SCHLAETTER, ESQ.....   | Canton, "               |
| PROF. JOHANNES WOLFRAM.....  | Canton, "               |
| PROF. CHAS. KUTCHLAUM.....   | Canton, "               |
| F. C. MEYER.....             | Canton, "               |
| PROF. KARL NERT.....         | Canton, "               |
| L. Q. JEFFRIES, ESQ.....     | Waco, "                 |
| MRS. SARAH HESTER.....       | Waco, "                 |
| JAMES KENNEDY.....           | Waco, "                 |
| "VRAINMONDE".....            | Carrollton, "           |
| MISS BESSIE LEBBE.....       | Cleveland, "            |
| PROF. A. KORTHEIMER.....     | Hudson, "               |
| CARL L. WARTHOEST.....       | Tulsa, "                |
| GEO. L. TAYLOR.....          | Manitou, Colorado.      |
| JUDGE ANSON PEASE.....       | New Philadelphia, Ohio. |
| E. A. JONES, A. M.....       | Massillon, "            |
| WON. R. H. POLSER.....       | Massillon, "            |
| N. P. BAILEY, D. D.....      | Massillon, "            |
| T. C. MILLER, M. D.....      | Massillon, "            |
| A. P. D. PEASE, M. D.....    | Massillon, "            |
| H. C. ROYER, M. D.....       | Massillon, "            |
| MISS GERTRUDE A. FOCKER..... | Massillon, "            |
| JAS. P. DUNN.....            | Massillon, "            |
| C. E. TAYLOR.....            | Massillon, "            |

Address,

**THE OHIOAN,**

WILL M. NEWSTETTER, Proprietor,

Massillon, O.

WILL M. NEWSTETTER, EDITOR.  
ROBERT F. BEHRENS, ASSOCIATE.  
EDWARD A. PRADON, ASSOCIATE.

For the responsibility of the publisher, and the honest discharge of his promises, he refers by permission to the Union National Bank, Massillon, Ohio.

INDEPENDENT PRESS, MASSILLON.

[ENCLOSURE]

Des Moines, June 15, 1885.

*Publishers of The Globe:*  
GENTLEMEN:—I like the spirit with which you begin your enterprise. A dollar and a quarter does not go a great way, but if I enclose my hearty good wishes with it, as I cordially do, it may pay you for the trouble of opening this letter.

Very truly yours,

OLIVER WENDELL HOLMES.

MANFIELD, June 24, 1885.

GENTLEMEN:—During my long absence on the Pacific coast your circular and letter were received.

I have no doubt you will succeed in establishing an excellent paper of great interest to the community you intend to serve. If I can be of any service to you at any time, shall be glad to render it.

Very truly yours,

JOHN SHERMAN.

AKRON, O., May 26, 1885.

*The Globe, Hamilton, O.*

GENTLEMEN:—Without doubt there is ample material within reasonable distance of your city if carefully written up by competent persons, to make your paper not only a success to those who have charge of its management, but also make it a source of both interest and profit to its readers, and I most heartily endorse the scheme, and wish for it a successful career.

Yours very truly,

GEORGE W. CROUSE.

U. S. CIVIL SERVICE COMMISSION,

WASHINGTON, D. C., July 7, 1885.

GENTLEMEN:

Your favor of the 5th ult. has been received, owing to my absence from the city. Your enterprise is commendable, and it seems to me, from the prospect, that you have chosen well the several themes upon which the "new craft" is to be launched and sailed. It will be a pleasure to comply with your request, and I will furnish you a short article on "The Reform of the Civil Service," for your first number.

Very truly yours,

L. D. THOMAS.

MANFIELD, O., May 26, 1885.

*The Globe, Hamilton, O.*

GENTLEMEN:—I think your scheme very commendable, and likely to produce a very interesting paper. Put me down for a copy, and oblige.

Yours truly,

H. D. HARTER.

—

CANTON, O., June 3, 1885.

*The Globe, Hamilton, O.*

GENTLEMEN:—I heartily commend your newspaper project. With the care and discretion which I am sure your management will exercise it ought to be made a useful and interesting paper. Please place my name for subscription.

Yours very truly,

Wm. McKinley, Jr.

OUR CONTRIBUTORS.

|                              |               |                               |                         |
|------------------------------|---------------|-------------------------------|-------------------------|
| Judge C. R. Grant.....       | Akron, Ohio.  | E. F. Brown.....              | Of the Chicago Ledger.  |
| General A. C. York.....      | Akron, "      | Earl L. Wardner.....          | Hamilton, Ohio.         |
| Frank G. Weary.....          | Akron, "      | George J. Taylor.....         | New Philadelphia, Ohio. |
| George W. Pritchard.....     | Akron, "      | Judge Albert Pease.....       | Hamilton, "             |
| George S. Cuskey.....        | Akron, "      | Prof. E. A. Stone.....        | Hamilton, "             |
| Ben. A. J. Thacker.....      | Youngstown, " | Howe Palmer.....              | Hamilton, "             |
| Leola Schaeffer, Esq.....    | Canton, "     | N. F. Bailey, Jr., D. D.....  | Hamilton, "             |
| Prof. Edward Wolf.....       | Canton, "     | Dr. Charles Miller, M. D..... | Hamilton, "             |
| Prof. Charles Krishbaum..... | Canton, "     | A. P. L. Pease, M. D.....     | Hamilton, "             |
| Frank C. Meyer.....          | Canton, "     | Ed. S. Smith.....             | Hamilton, "             |
| Prof. Karl Meier.....        | Wooster, "    | Miss Gertrude A. Fennell..... | Hamilton, "             |
| U. G. Carlton, Esq.....      | Wooster, "    | Chas. S. Smith.....           | Hamilton, "             |
| Prof. Earl Meier.....        | Wooster, "    | Chas. S. Smith.....           | Hamilton, "             |
| James Kennedy.....           | Chittenden, " | Prof. E. W. Claypool.....     | Akron, "                |
| "Delaware".....              | Chittenden, " | Dr. H. H. Gay.....            | Akron, "                |
| Miss Heath Brooke.....       | Horseshoe, "  | Professor Louis Butler.....   | Canton, "               |
| Prof. Arthur Kirtland.....   | Pulaski, "    | Miss Corcoran Boyer.....      | Canton, "               |

and many others not named.

Joseph Mederschitzky  
Elektriker und Mechaniker  
Gr-Kikinda.

*Ihrer Hochwohlgeborenen!*

Werden entschuldigen, dass ich mir die Freiheit  
nehme aus fernem Welten Euer Wohlgeborenen mit diesem paar  
Zeilen zu belästigen, indem ich mit einer aller unter-  
thänigsten Bitte komme.

Nachdem ich Elektrotechniker und Mechaniker  
vom Fach, beauftragt worden bin, — das erste  
Buck-ein ungarisches Handbuch für Telegrafen  
und Telefon-Installationen herauszugeben, welches  
ich bereits durch gütige Mitwirkung von Europa's  
ersten Celebritäten in der Elektrotechnik verfasst  
habe.

Der gütige Ausdruck der freundlichen Mit-  
wirkung erinnerte mich, diese paar Zeilen  
an Euer Hochwohlgeborenen zu richten, Sie bitten  
unterthänigst bittend, nachdem die Zukunft und das  
Wohl meiner ganzen Familie von dem guten  
Gelingen meines Werkes abhängt — weshalb  
ich aller unterthänigst zu bitten wage, wollen  
gnädigst mit einem original Beitrag mein Werk  
krönen, indem es eben solche Capitel behandelt,  
welche speziell Ihre hohe Befindung ist.

Indem ich Euer Hochwohlgebohren nochmals allerunterthänigst zu bitten wage, da mir Euer Hochwohlgebohren als der genialste Erfinder des XIX. Jahrhunderts im Kande sind, durch einen Artikel über Ihre Erfindung die Zukunft und das Wohl seiner armen Mechaniker und Electrotechniker Familie zu gründen.

Nachdem ich zu hoffen wage, dass Euer Hochwohlgebohren meine allerunterthänigste Bitte erfüllen werden, erlaube mir noch, unterthänigst zu bitten, ob Euer Hochwohlgebohren gnädigst erlauben wollten, dass ich mein Verdiensten Ihnen als unpoor Sonne in Ehrfurcht widmen darf.

Ihre sehr werthe Artikel bitte entweder in französischer oder englischer Sprache verfasst recht eiligst zu senden; die dazu als Erläuterung dienenden Abbildungen bitte als Zeichnung oder als original Cliche mit zu senden.

Nochmals um gnädigen Ausdruck recht sehr bitend, zeichne mit allergrößter

Gross-Kikinda 25/2 ST

Ehrfurcht  
unterthänigster

Joseph Kikinda  
Mechaniker & Elektriker  
Gross-Kikinda

Europa, Ungarn, Torontaler Comité.

[TRANSLATION]

(Translation.)

Gross-Kikinda, (HUNGARY.)

July 28th. 1885.

Dear Sir:-

You will excuse me for taking the liberty to address you by present lines and to request you with the following:

Being electrician and mechanician - by knowledge and practice - I have been entrusted to publish the first book, viz:- a hungarian handbook for telegraph and telephone installations, which I was so happy nearly to finish by the kind help of the first european celebrities in the "Electrotechnical Science."

The above mentioned help encourages me to write you this letter and to beg ( the whole future of me and my family depending from the good success of mentioned handbook) you will kindly furnish me with an original article to crown therewith my work, which treats even such chapters, - which especially are of your invention.

You will kindly excuse my request, - but, as you, Dear Sir - are the most genial inventor of the XIXth. Century, - you are easily able by furnishing me an article on your inventions - to lay the foundation-stone for the future and success of the whole family of a poor electrician and mechanician!

[TRANSLATION]

(2)

Being in hopes that you will kindly consider my request,  
I furthermore beg to ask permission to dedicate my book to you  
Dear Sir, as to our Sun, in greatest respect!

You will be pleased to send the asked for articles -  
either in french or in english language, - without delay; the il-  
lustrations, belonging thereto, I request to send me either in  
drawings or in original cuts. (electrotypes)

Repeating my request for you kind assistance - I remain  
with the highest veneration

Very Respectfully Yours.

Joseph Mederschitzky.  
Electrician and Mechanician. Gross-Kikinda  
( H U N G A R Y. )

Thomas. A. Edison Esq.

195 Broadway.

Dear Sir:

I respectfully ask you to give me 1000 copies  
of your engraved likeness, the best for insertion into my  
book, second edition.

July 30/55

Yours always  
J. A. Reid.

E. P. HARRIS,  
GENERAL MANAGER.

P. G. MONROE,  
DEPUTY TREASURER.

S. L. K. MONROE,  
EDITORIAL AND BUSINESS.

## American Railway Publishing Co.,

PUBLISHERS OF

Journal of Railway Appliances, Street Railway Journal,  
Power: with which is incorporated Steam.

Boston,  
8 Exchange Place,  
H. M. SWETLAND,  
Manager.

Philadelphia,  
419 Walnut St.,  
G. D. HICKS,  
Manager.

NEW YORK, CHICAGO,  
35 Liberty St. 12 Lakeside Building.

Atlanta,  
62 Alabama St.,  
E. V. COLE,  
Manager.

St. Louis,  
204 Temple Building.

New York, 7/26 1885.

Mr. Thos. A. Edison

Menlo Park

Dear Sir,

Please let us have, at your earliest convenience, such memoranda and specifications, drawings and description, of your device for communication between moving trains as will enable us to prepare a correct technical article on the same, for the Journal of Railway Appliances.

There will be, of course, no charge, direct or indirect, for publication. In replying, or sending blocks, please refer to date and subject of this letter, and name of paper, as we issue these special technical journals.

Very truly,

Robert Gimschaw,

Editor-in-Chief.

Electrotype blocks should be marked on edge, with owner's name.

Mr Edison, will you please to  
read these pages & if you should feel  
inclined favorably give me an inter-  
view at a place & time most convin-  
ient to you.

Sept. 28. 85.

Very respectfully

L. M. Drescher

1.

The demand for practical Electricians is daily increasing. Where from can & shall we draw the supply for the immense armies of trained hands required by the El. Telegraph, Telephone, Light plants, Systems of power & its transmissions, Electrodynamical processes, Manufacture of El. apparatus etc.

Our College boys are, as a rule, <sup>and</sup> of not much use, their heads are crammed with theoretical nonsense & their hands better adapted to kid gloves than to do a good days work. Their bride serves all manual labor & they look down on the boy who learns a mech. trade - They won't work. -

Electrical Colleges are now and El. is only taught as a branch an hour or two weekly and then generally by some old Fogies who have no practical experience themselves & like the organ grinder grind year in year out the same old melody.

The boys of our shops, machinists, instrument makers, Telegraphists etc. with only a good public school education are in my opinion the best source to recruit the needed armies of Electrical Workmen & Officers, and when Collegians come down & begin to work they may also become acceptable and even more so when they possess Mathem. physical & chemical knowledge.

I have, after several conversations  
with

2.

with College authorities come to the conclusion that the regular scientific clap trap of most of these institutions prevents the practical instruction in Electricity by setting it down as of secondary importance.

The evening schools, like Coopers, although they do immensely good, can not master the great quantity of material in a short time. Of the working man very few will go there, & boys when too young and not yet able to make an instrument or apparatus are too uncertain recruits to make in a short time useful Electrical hands.

I have thus come to the following plan:

1. Let a company establish a workshop in which educational electrical instruments and apparatus are manufactured, viz:

Galv. Batts., accumulators, coils, Galvanometers, Ammeters, Voltmeters, Electromagnets of all shapes & forms, Dynamo's - entire systems of Telegraphs, Telephones, Light plants etc.

These apparatus sold even very cheap, yield a revenue & the Electrical students need not pay a great fee for instruction, they might even to the contrary be paid something - according to merits - & be able to support themselves during their study.

2. Let one

2. Let one <sup>3.</sup>expansion be of 5 or 10 months and the daily time of work, 8 hours for 5 days a week, so as to give time for home study.

3. Form different classes, for inst.

a. Telegraph & Telephone - men

b. Light man

c. Power man

d. Electrolytical man

e. Manufacturers of Supplies.

4. Let them work and manufacture things of their branch principally every day for 6 to 8 hours & use two hours for practical instruction in the principles, laws & measurements of electrical quantities; Drawings, constructions & Calculations.

5. Some (2 or 3) hours per week may be given to so much of algebra, Geometry, Physics & Chemistry as is needed to fill out the gaps left by schooling.

6. One day a week inspections of establishments, Light plants, Telegraphs etc.

7. Meet one evening in the week for:

a. Discussions of El. news,

b. read papers on practical subjects

c. exhibition of new app. & experiments

8. Let the boys pass at the end of courses pass a rigid examination consisting principally in that: The aspirant ~~up~~ to the title or

Diploma

4.  
Diploma of "assist electrical engineer" in  
his special branch constructs — drawings  
calculations, measurements & specifications  
— an efficient working system, makes, sets  
up & keeps the same in working condition  
for a required time <sup>or less</sup> and besides this an Essay  
on Electricity.

Such examinations should be public and  
some eminent man — Edison and others  
should be invited to be present as examina-  
tors.

I think myself able to superintend  
with but little assistance such an enter-  
prise and desire to hear the Opinion & Sug-  
gestions of Mr Edison concerning this  
project.

If he would give his moral assistance  
& permit to be the Pres. of such a Co, it  
would not require more than from \$5000  
to \$10000 and a start can be made with  
even a much smaller sum.

I would within a few weeks establish  
the institution in as much as I have three  
some years worked in this direction  
and have — though incomplete — laid  
out a plan & method of instruction  
in this "Riddergartenway".

I have prepared lectures & designed  
& sketched.

5.  
sketched a great number of educational instruments & app. of the different branches of Electricity, of simple construction & inexpensive, with the idea to have them made to sell in sets at low figures to schools & colleges.

I think it inevitable for even public schools to acquire in a not very remote time such sets & teach something of El. to our boys & girls.

At present I have no work in hand, except that mentioned above, having sold all my manufacturing interests and feeling myself competent in this matter, I can devote my entire time & energy to this work.

Luis D. Archer

17 81 Bathgate Ave.  
(Fairmont)  
New York City

RICHARD EDWARDS, President.

T. D. CHITTON, Vice-President.

W. A. HERCHY, Secretary.



Historical Publishing Co.,  
PUBLISHERS OF  
HISTORICAL, INDUSTRIAL & STANDARD WORKS,  
61 BROADWAY, NEW YORK,  
AND STRAND, LONDON.

New York, Oct 7<sup>th</sup> 1885

Thos A. Edison Esqr.

Dear Sir:

Enclosed you will  
find a letter from Mrs Van  
Horne, in reference to me.  
If you would kindly grant  
me a short interview I would  
be greatly obliged.

Very truly

L. Gross Horwicz

of T. A. Ellis }  
61 B. way }

359 W 23<sup>d</sup> St. N.Y.  
Oct. 10.

Dear Mr. Inceall; -

My papers I have left temporarily at Danbury, but I send for them to-day, & will return the Certificate to you at once. If I were to see Mr. Edison, could I get a good fee for the work about the L. & T. I shall write considerably about Johnson, Bergmann &c. next week, & would like to add anything about the Telegraph Signal.

Most truly,  
Yours,  
W. A. Croffut.

W. A. Croffut  
359 W 23<sup>d</sup> St. -

New York Herald,  
Chicago Tribune,  
Boston Herald,  
Boston Herald.

Franklin, Hartford,  
Hartford, Hartford,  
Hartford, Hartford.

Amesbury, Amherst.

N.Y. Dec 24 '85.

To Prof. Emerson

Dear Sir: - The undersigned has been assigned the task of writing for the forthcoming Appleton's Cyclopedia, General, the article on Printing.

In a conversation with Mr. Jas. R. Peck, at the N. Am. Review Office yesterday, in reference to one of the author's views of my article, & with

Printing for the Blind he asked me to write to you. He said you had

made a discovery, which you did not intend to patent, but to contribute to the cause of Science and the benefit of the blind.

If you will kindly afford me whatever knowledge or material in connection with the topic, <sup>you can</sup> it will give me pleasure to give <sup>it</sup> my best attention.

Respectfully

A. R. Braman  
P.O. Box 2665 N.Y. City,  
or care Rosetta Johnson  
ap. cyc. Blind at  
N.Y.

**1885. Edison, T.A. - Autograph and Photograph Requests (D-85-007) [not filmed]**

This folder contains unsolicited correspondence requesting Edison's autograph or asking for photographs of him.

**1885. Edison, T.A. - Bills and Receipts (D-85-008) [not filmed]**

Most of the bills and receipts in this folder are for personal and office expenses. There are also bills and receipts for routine laboratory expenses.

1885. Edison, T.A. - Bills of Lading (D-85-009) [not filmed]

This folder contains bills of lading for the shipment of merchandise.

1885. Edison, T.A. - Book and Journal Orders (D-85-010)

This folder contains correspondence, bills, receipts, and other documents relating to the ordering of books and journals.

Approximately 50 percent of the documents have been filmed. The following categories of documents have not been filmed: advertisements, announcements of new publications, and other documents relating to items apparently not ordered; bills and receipts that contain no information about specific items ordered; other routine documents that merely duplicate the information in the correspondence.

Published

JOHN WILEY & SONS,  
PUBLISHERS OF SCIENTIFIC TEXT-BOOKS AND INDUSTRIAL WORKS.

Agency for S. BAGSTER & SONS'S Bibles and Miscellaneous Works.

New York, Jan 28 1885

Mrs J. A. Edison

Dear Sir -

In answer to yours of 27<sup>th</sup>  
I would say - Vol III of  
Dodge will probably be issued  
in about five months - anytime  
within 10, or 12 weeks will do to  
ship the cuts - the sooner  
they reach there the better -  
If you will send them here  
we will ship them per  
European Express, or I will send  
after them Yours Truly

J. A. Wiley

THE INTERNATIONAL NEWS COMPANY,

29 & 31 Bookman Street, New York,

IMPORTERS OF NEWSPAPERS, PERIODICALS AND BOOKS,

Special Authorized Agents in the United States and Canada, for the  
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BRANCH OFFICES: LIVERPOOL AND LONDON.

Subscriptions received for every Newspaper and Periodical published in Great Britain, Germany and  
France. All communications payable in advance. Books imported in quantity or by single volume.

NEW YORK, *Sept 11* 188*5*

W<sup>th</sup> Thomas A. Dixon,  
Dear Sir:-

As per your request  
7<sup>th</sup> inst. we have  
instructed our London  
office to discontinue  
Journal of Eastlighting,  
and send you herein  
credit-note for £6.<sup>25</sup>  
unearned subscription.  
We will send you cheque  
for this amount on

let it stand to credit  
of your a/c as you  
may elect.

Your note was ad-  
dressed to the American  
News Company; hence  
some delay in attending  
to it.

Yours truly,  
*J. W. [Signature]*  
THE INTERNATIONAL NEWS COMPANY  
11-12 THE BUILDING & MORTGAGE COMPANY  
NEW YORK



D. VAN NOSTRAND,  
PUBLISHER, IMPORTER AND BOOKSELLER,  
23 Murray and 27 Warren Streets,  
P. O. Box 1715.  
New York

June 22, 1885

Friend Insell -

Will you kindly  
return the 3 vols  
of Fremy's Encyclopedia  
of Chemistry which  
I left with you in  
the lower hall  
on Saturday,

As it  
is doubtful if  
Mr Edison will  
need it I sold the

Set. There are 27  
vols in all & it costs  
\$150 - I shall have  
more sets in 2 or 3  
weeks & will then  
submit a set for  
his examination.

Yours truly  
B. S. Peck



D. VAN NOSTRAND,  
Publisher, Importer and Bookseller,

23 Murray and 27 Warren Streets,  
P. O. Box 1741.

New York

July 23 1885

Mr Saml Knapp

My dear Sir,

Mr Devane  
is engaged in making a trans-  
lation for us & finds it necessary  
to refer to "La Nature" a  
vol of which you sent me  
a day or two ago.

Will you  
kindly permit him to  
refer to the balance & very  
much obliged

Yours truly  
C. E. Speer

*Mc*

HEREBY AUTHORIZE THE PUBLISHERS OF

*N.Y. City N.Y.*

*1885*

# MIDLAND INDUSTRIAL GAZETTE

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*Mc*

WILL PAY

*\$100.00*

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*Signature*

1885. Edison, T.A. - Clubs and Societies (D-85-011)

This folder contains correspondence, bills, receipts, and other documents relating to Edison's membership and activities in social clubs and professional societies. Also included are requests by clubs and societies for lectures by Edison and for exhibits of Edison's inventions.

Approximately 50 percent of the documents have been filmed. The following categories of documents have not been filmed: published proceedings; printed circulars; form letters and other routine correspondence regarding meetings and other activities.

NEW YORK PRESS CLUB,  
122 NASSAU STREET,  
NEW YORK.

New York, *Feb. 14* 188*8*.

Dear Sir:

You are hereby notified that  
you have been elected a member of the  
New York Press Club.

The receipt for your initiation fee is  
enclosed.

The dues are \$1.00 a month, or \$10.00 a  
year if paid in advance. A life member-  
ship may be obtained by the payment of  
\$100.

Respectfully yours,

*Geo. Henry*  
AUGUSTINE HENRY,

Corresponding Secretary.

*To Hon. A. Edison.*

N

NEW YORK ELECTRICAL SOCIETY.

oOo

Room 25 Cooper Union.

New York March 13th. 1885.

T. A. Edison, Esq.

Dear Sir:--

I take pleasure in informing you that at the  
Annual election of Officers of this Society, held at its rooms,  
25 Cooper Union on the 11th. inst. your were elected  
*3d Vice President*, The following is a list  
of the Officers elected for the ensuing year.

President P. H. Van Der Weyde :

Executive Committee.

\* 1st. V. P. Geo. B. Scott

: P. H. Van Der Weyde, Geo. B. Scott

2nd. " " Geo. A. Hamilton

: P. W. Jones, E. L. Bradley

3rd. " " T. A. Edison

: J. A. Seeley, H. A. Sinclair

\* 4th. " " W. J. Johnston

: Eugene Lynch, Jr. Jno' M. Pendleton

5th. " " C. O. Malloux

: A. A. Knudson.

\* 6th. " " Geo Worthington

\* Treasurer F. W. Jones.

Very Respectfully,

A. A. Knudson.

Rec. Sec'y.

\* Re-elected.

GEO. WORTHINGTON, Editor,  
C.M. PRICE, Associate Editor.

LOREN H. DOWNS, President.

# ELECTRICAL REVIEW.

PUBLISHED WEEKLY BY GEO. WORTHINGTON AT THE HIGH

25 PARK ROW,  
ROOMS 6, 7 & 8.

Address all Communications to  
ELECTRICAL REVIEW,  
P.O. Box 3329.

New York - 7/1, 1883.

Friend Edison,

It would be conferring  
a great favor upon all of us, if  
you would kindly consent to deliver a  
short paper on the subject indicated  
in Mr. Morrison's letter which I herewith  
inclose or if not upon that particular  
subject something upon any subject  
you may choose. We shall have a  
distinguished gathering and we need  
you then to lead off and make  
our happiness and success complete,  
and please do not refuse in this  
instance, also persuade Israel to read  
a paper or Mr. Johnston.  
Very truly yours Georgie Woodrington

Morrison - First National Electric Light Assn.

## The National Electric Light Assn.

10

Office, No. 7 South Street,

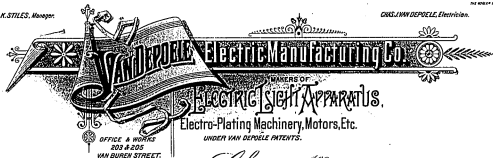
Baltimore, Md. 6/30 1885

Geo Worthington &  
 Ed Electrical Review  
 23 Park Row  
 New York

Dear Sir:

Will you correspond with  
 the Editor at once and get  
 him to join us, and also have  
 him prepare a short paper  
 on "the best method and probable  
 cost of underground conductors  
 for the distribution of current  
 for arc and incandescent  
 lighting" write me. I have  
 bit off a whole monthful &  
 am trying to chew it. Like the  
 boy with the big pile of boot lacing  
 "I want to bang some spit"

Yours truly  
 J. Morrison



*Chicago, Ill.*

July 25, 1885.

Thomas A. Edison, Esq.,  
New York City, N. Y.

Dear Sir:-

I hand you herein circular announcing the first annual meeting of the National Electric Light Association to be held in New York on the 18th day of August next.

It is my pleasure to extend to you a most cordial invitation to be present at the sessions of the Association and it will afford the members of the Association much pleasure to have you present a paper touching upon any special or general topics bearing upon the subject of electric lighting, transmission of power or otherwise.

I shall be much gratified to receive your acceptance of this invitation and also the indication of what subject you will present so that it may be properly announced. In the mean time, I am, dear sir, your most Obedient servant,

*George S. Bowen*  
Chairman Ex. Com.  
*Elgin Ill.*

Baltimore, Md., June 19, 1885.



At a meeting of the Executive Committee of the National Electric Light Association, held in New York on the 9th inst., it was Resolved: that a general meeting of the National Electric Light Association be held at the Hotel Dan, Union Square, New York, at noon on the 18th day of August next, and to continue from day to day until such business as may be presented shall be properly disposed of; also, Resolved; that invitations be sent to all companies and persons eligible under the constitution, who are not already members, to become so at once.

To fully explain the qualifications necessary to become a member, either as associate or active, I beg to quote the following extracts from the constitution of the National Electric Light Association:

*Article second.—Members of this Association shall be companies, firms, or individuals, operating electric light plants or manufacturing electric light apparatus.*

*Article eight.—The entrance fee shall be ten dollars, and the annual dues shall be ten dollars for each member.*

Under these provisions you are cordially invited to join the Association, and should you accept, please notify the undersigned, enclosing your draft or check for ten dollars, payable to the order of Summerfield Baldwin, Esq., Treasurer. By return mail you will receive a receipt, which will be your credentials, admitting you to the convention to be held in New York, August 18th, 1885.

You are requested to send to the undersigned a list of subjects which you wish to suggest for discussion at the Convention.

Yours very truly,

J. F. MORRISON.

Pres. National Electric Light Asso.

1502 PINEBROOK, NEW YORK, BALTIMORE.

✓  
The  
Canadian  
Club.

3 N. Washington Sq.  
New York.

Thomas A. Edison Esq.

Dear Sir:

I have the honor of  
announcing your election to  
membership in the Canadian  
club and the gratification it  
gives the Club to have your  
distinguished name upon its  
roll.

Yours truly

W. A. Shatt

Secy.

Aug. 19. 1885.

C7A6 P. 100

1897

The Canadian Club,  
No. 3 North Washington Square,  
New York.

20th Aug 1887

I beg leave to draw to your attention your account  
with the Canadian Club, as follows:

To Initiation Fee,.....\$ 5.00  
To Dues for.....year ending  
Sept 10.....1887.....1.25  
Your remittance will greatly oblige,  
\$ 6.25

Yours very truly,

William J. Allen  
Treasurer,  
229 Broadway, New York.

Received \$ 6.25, in full of the above account  
Sept 10.....1887

William J. Allen  
Treasurer.

Thomas A. C. C. C.  
25 Broadway, New  
York

C  
William B. Ellison  
Comptroller at Large

Hamilton Building,  
229 Broadway

New York, Sept. 10, 1885.

W. B. E.

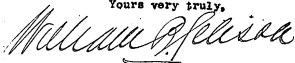
My dear Sir:-

I beg leave to acknowledge, with thanks, the receipt of \$6.25 in full of your dues to "The Canadian Club", as per account rendered, which I now enclose you receipted.

I trust that we shall have the pleasure of having you with us at times.

I remain,

Yours very truly,



Thomas A. Edison, Esq.,

25 Gramercy Park,

City.

The Canadian Club,  
No. 3 North Washington Square,  
New York.

*Oct 8<sup>th</sup>* 188*5*

I beg leave to draw to your attention your account  
with the Canadian Club, as follows:

|                                   |                    |
|-----------------------------------|--------------------|
| To Initiation Fee,.....           | \$                 |
| To Dues for..... <i>1/2</i> ..... | years ending       |
| <i>April 1<sup>st</sup></i> ..... | 188 <i>6</i> ..... |
|                                   | <i>5.00</i>        |
|                                   | <i>5.00</i>        |

Your remittance will greatly oblige,

Yours very truly,

*W. B. Edison*

Treasurer,

229 Broadway, New York.

Received *\$5.00*, in full of the above account  
*Oct 24* 188*5*

*William Edison*

Treasurer.

*Thos A. Edison Esq*  
*25 Gramercy Park*  
*City*

NEW YORK PRESS CLUB,  
129 NASSAU STREET,  
NEW YORK.

Oct 26. 1888

Dear Sir

Thanks for Mr Edison's  
check for \$25 and your  
over for \$5.

Yrs yours

J. B. Hennings

Sam Shaul

The American Institute of Electrical Engineers,

OFFICE OF THE SECRETARY

RALPH W. POPE,  
55 WALL STREET,  
NEW YORK.

NEW YORK,

Nov 6<sup>th</sup> 1885

Mr Thos. A. Edison

Dear Sir,

A general meeting of the Institute will be held about December 8<sup>th</sup> next, and I venture to suggest that a paper from you regarding your progress in central station electric lighting would be of universal interest. If you prefer to delegate such a task to other hands of course it would be satisfactory as all are aware that your time is fully occupied. Whatever you undertake in this line is always very readable, and I trust you will see some way to help us out. If you can suggest any other subject, we should be equally satisfied. Yours truly R.W. Pope Secy

Office of  
HOTEL HUNGARIA,  
4 UNION SQUARE,  
FOURMANN & WESTHEAD,  
PROPRIETORS.

1885-11-10

New York, Nov 10 1885

Mr Thomas A. Aldrich

Sir,

All meeting of the Board of  
Governors of the City Club  
will be held on Thursday,  
Nov. 12 at 11 o'clock  
morning at 4. 32 1/2th. Street

Yours truly

J. T. Hadley

Secy-

WM. WOOD, - TREASURER.  
P. O. BOX 310, NEW YORK CITY.

*Mr Thomas A. Edison* *New York, Dec. 1st, 1886.*

**THE NEW YORK ATHLETIC CLUB, Dr.**

104 WEST FIFTY-FIFTH STREET.

Initiation Fee, - - - - - \$50.00

~~We guarantee Dues from Dec. 1st, 1886, to March 1st, 1887.~~

Received payment,

*Wm Wood*

*Pittenger*

Treasurer.

· New · York · Athletic · Club ·

OFFICERS.

WILLIAM R. TRAVERS, PRES.  
WILLIAM WOOD, TREAS.

A. V. DE GRACOURIA, VICE-PRES.  
WALTER G. SCHUYLER, CAPT.

A. H. WHEELER, SECT.

COUSSENOTS.

BETH E. FRENCH.  
JOSEPH J. O'DONOHUE.

JOHN J. MCCORM.  
TOMAS R. KEATOR.

OTTO SARDONY.  
CHAR. E. QUINCY.

JENNINGS S. COY.  
EDWARD S. INNES.

RUTGERS VAN HUNT.

WALTER STANTON.

New York, Dec 2 1885.

Mr. Samuel Insull

Dear Sir:

We find the name of Mr. *Nathaniel Edison* on the List of applicants for admission to this Club, proposed by you. As the names of the first 500 now on the list, will come before the Governing Committee for their action at an early day, kindly advise us at your earliest convenience whether said applicant is still desirous of becoming a member, and, if so, send to the undersigned all necessary information regarding him, including his residence and occupation, that the Committee may be prepared to act promptly.

Please remember that all applicants must be known, or introduced to two members of the Governing Committee, before they come up for election.

Yours very truly,

A. H. WHEELER,  
Secretary.

N

President, Wm. H. TRAVERS,  
Vice-President, A. V. DE GROOTHUIS.

Secretary, ALBERT H. WHEELER,  
Treasurer, WILLIAM WOOD.

**NEW YORK ATHLETIC CLUB**

104 West 55th Street

New York, Dec 9 1885

Dear Sir,

I take pleasure in advising  
you that at a meeting of the Governing  
Committee, held on the 8<sup>th</sup> inst. you were  
unanimously elected a member of this

I enclose bill for Initiation fee and  
~~annual~~ dues, and beg to say that  
Initiation requires qualification to  
within thirty days from the date  
on.

we advise, when making payment,  
our Club Communications are to be

Yours respectfully,

ALBERT H. WHEELER,

Secretary.

N  
No. 1970

New York, Dec 10 1885.

Mr. T. A. Edison

TO NEW YORK ATHLETIC CLUB, DR.

104 WEST FIFTY-FIFTH STREET,

To Samson's Dues from Dec 1st, '85, to March 1st, '86, - \$16.50

Received payment,

NEW YORK ATHLETIC CLUB,

By *Pittenger*



1885. Edison, T.A. - Creditors (D-85-012)

This folder contains correspondence and other documents relating to unpaid bills.

Approximately 40 percent of the documents have been filmed. Routine correspondence and routine bills have not been filmed.



ZIMMER, No 28.

New York, Jan. 19<sup>th</sup> 1885.

Thomas A. Edison Esq.

Dear Sir,

My client Prof. Rupert Schmidt of this City, has placed in my hands a claim against you amounting to \$46<sup>00</sup>. He says you ordered, at invitation of your hands, a recited in bronze, which he delivered to you on January 8<sup>th</sup> 1885 for which you promised to pay the above sum but have not done so. Please call at my office on or before January 24<sup>th</sup> 1885 and explain above matter, or I shall be obliged to commence an action for above sum.

Very Respy Yours.

Charles K. Lexow  
m.k.l.

Bent given (small column)  
to Schmitt for shipment

100  
100/100  
100/100

LAW OFFICE OF  
**ROBERT GREENTHAL,**  
Attorney and Counsellor at Law,

209 West 36th Street, and 18 Centre

NOTARY PUBLIC.

Bot. 7th & 8th Avenues.

New York, January 12, 1885

H. A. Eden Esq. my dear Sir!  
my client Mr. Rupert Schmid  
has placed a claim of 40.00  
in my hands for collection  
against you. please send  
the same to my Office  
at No 18 Centre St, or you  
will please notify me  
the cause of your refusal  
to pay.

Very yours  
Robt. Greenthal  
Att'y at Law  
18 Centre St  
Jan 12/85

**District Court in the City of New York,**  
FOR THE THIRD JUDICIAL DISTRICT.

*Rupert Schmidt*

*Plaintiff*

*against*

*Thomas A. Edison*

*Defendant*

COPY SUMMONS.

*The People of the State of New York,*

TO THE ABOVE-NAMED DEFENDANT:

You are hereby Summoned and required to appear in this action, before GEORGE W. PARKER, Esquire, Justice of the District Court in the City of New York, for the Third Judicial District, in the Court, at the Court Room thereof, on the southwest corner of Sixth Avenue and Tenth Street, (second floor,) in the City of New York, on the 7<sup>th</sup> day of February 1885, at half-past nine o'clock in the forenoon, to answer the complaint of the *Plaintiff* in this action, who, if you then fail to appear and answer, will take judgment against you for the sum of

*\$ 40.00*

Dollars, with interest from the day of

188 , besides the costs of this action.

Dated, New York, *January 27<sup>th</sup> 1885*

GEORGE B. DEANE, Jr., *Clerk.*

**Copy Summons.**

To Mr. *Thos. A. Edison*

*Defendant.*

No. *65 St Ave*

*(10 on Saturday)*

*Sept 11/1887*  
*3rd Dist Court*

*Rupert Schmidt*

- vs -

*Thomas A. Edison*

*Copy*  
*Summons*

*Act: Knechtel*  
*Jeffs atty*  
*18 Centre St*  
*Nyc*

LAW OFFICES OF  
**ROBERT GREENTHAL,**  
Attorney and Counsellor at Law,  
No. 18 Centre Street,  
NOTARY PUBLIC. Bot. Chambers & Duane Sts.  
Residence, 200 West 86th St., bet. 7th & 8th Avenues.

New York, February 17, 1885

Smith vs. Edison

My Ecclesine & Tomlinson:

A Judgment for \$47.50 was entered  
this day against your client,  
but I deem it proper to notify  
you and see whether you would  
advise your client to pay the  
same before filing a transcript.  
Please inform me  
and oblige you truly

Robert Greenthal

Expenses of the 1st of 45.00  
1878

POSTAGE PAID

NO. 1000000000

RECEIVED THE COMMISSIONER OF LANDS

AND MINES

WASHINGTON, D.C.

District Court of the City of New York  
for the Third Judicial District

W. Reed Gresh, Law Blank Publisher and Stationer, 222 Nassau St., N. Y.

Rupert Schmid

against

Satisfaction of Judgment.

Thomas A. Edison

City and County of New York ss.

SATISFACTION is acknowledged

between Rupert Schmid plaintiff

and Thomas A. Edison defendant

for the sum of Forty seven dollars and fifty Cents

Judgment entered in the Judgment Book of the District Court of the City of New York  
for the Third Judicial District the 17<sup>th</sup> day of February  
one thousand eight hundred and Eighty four.

Attest  
City for says  
18 Cent

State of New York  
City of New York } SS.  
County of New York

On the 19<sup>th</sup> day of February in the year  
one thousand eight hundred and Eighty-five before me personally came  
Robert Greenthal personally

to me known, and known to me to be the individual described in, and who  
executed the foregoing instrument, and who acknowledged  
that he executed the same.

Mr. Greenthal  
comm. of Deeds  
N.Y.C.

Satisfaction of Judgment.

Thomas A. Edgars

against

Robert Greenthal

16-18 Grand St.

Thos. A. Edison, Construction Dep't, Dr.

To Bills Payable

Business Address \_\_\_\_\_

1885  
Pays  
" 141

For

Note to R. D. Rich  
" Amington and Lewis

Dollars.

Cents.

623

82

2890

61

3514

43

Conrad Glassco, Jr.

Examined

Approved for  
Payment

Dated 188 Received from Thos. A. Edison, Construction Dep't,  
 the sum of \_\_\_\_\_  
 \_\_\_\_\_ payment \_\_\_\_\_  
 in accordance with the above.

(\$ \_\_\_\_\_)

Thos. A. Edison, Construction Dep't.

Record No. 29 <sup>123</sup> \$ 3514.100

Receipt of Bills Payable

For Notes

Month of July 1885

DISTRIBUTION OF ACCOUNT.

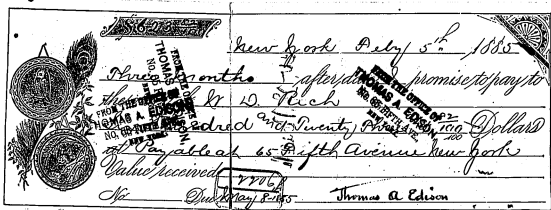
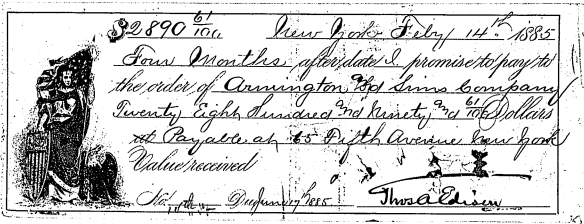
|                   |                |
|-------------------|----------------|
| <u>W. D. Rich</u> | <u>515.61</u>  |
| <u>Armington</u>  | <u>2833.95</u> |
| <u>Interest</u>   | <u>1348.8</u>  |
|                   | <u>3514.43</u> |

78.21  
56.67

July 31, 1885

290

Billed



July 5<sup>th</sup> 1885

Mr. W. Rich

545.61

Interest % \$30.00

Put on 5<sup>th</sup> 1885, 1 year

" " 1300.6 Months 32.99

" " Note 614.61 - 9.21 78.21

623.82

To Beis Payable

\$

623.82

3 Month Note dated July 5<sup>th</sup> 1885 due May 8<sup>th</sup> 1885.



OFFICE OF  
THE STRAIGHT LINE ENGINE CO.,  
29 CEDDES STREET,

SYRACUSE, N. Y.

July 21 1885

Thomas A Edison Esq  
65. 5th Ave New York

Dear Sir

We wrote you last June in regard to a settlement for the patents and drawings made upon your order given a year ago last Decr and at your suggestion wrote Mr Bachelor in regard to it

Not receiving any reply from Mr Bachelor, our Mr Sweet called on him last week and he refers us back to you as he deems it a personal matter between you and ourselves

As the work was done on a specific order there is no doubt but some one is responsible for its payment and it would be a great accommodation to us to have you authorize some one to settle the bill

To refresh your memory in regard to the case we beg to refer you to your letter of July 7th 1884. Trusting you will give this matter your immediate attention we are

Very Respectfully  
The Straight Line Engine Co  
E

Edison Machine Works  
Order No 2817.  
for Drawings above referred to

OFFICE OF  
THE STRAIGHT LINE ENGINE CO.,  
29 CEDDES STREET,

SYRACUSE, N. Y., August 28th 1886

Prof<sup>r</sup> Thomas A Edison

New York

Dear Sir

As we do not succeed in getting any reply from either you or Mr. Batchelor in regard to our account, it appears to us that either you think in common fairness you ought not to pay for the drawings or patterns of the special Engine you ordered, or that you are not legally bound to do so.

If it is a question of common fairness we shall be perfectly willing to submit the question to any disinterested fair minded man you may select and agree to abide by his decision providing you will pay if he so decides

There is no doubt in our minds as to your legal obligation, but we do not fancy appealing to law where it appears so plain a case of fair and square dealing

Will you kindly say what you are willing to do in the matter. Aside from the Engine itself the move proved of great value to the Edison Co. by reducing the price of the A & S Engines some hundreds of Dollars each, and a great loss to us indirectly

An early reply will greatly oblige

Very Truly

The Straight Line Engine Co.

*S*

OFFICE OF  
THE STRAIGHT LINE ENGINE CO.,  
29 GEDDES STREET,

SYRACUSE, N. Y., *Sept' 20th'*

188 6

*Thomas A Edison Esq*

*65 5th' Ave' New York.*

*Dear Sir*

*In answer to a letter of ours dated Aug' 28th' 'your "Private Sec" writes that you were away and expected to return about Sept' 10th', when he would lay our letter before you, and that undoubtedly you would have the matter attended to at once*

*Please look the matter over and let us hear from you ~~at~~ one way or the other as soon as convenient, as it is an account that has run about a year and a half*

*Very Truly*

*The Straight Line Engine Co.*

*H. F. L.*

**1885. Edison, T.A. - Employment (D-85-013)**

This folder contains correspondence from or about employees and prospective employees.

All letters that contain a significant response by Edison or that are from individuals associated with Edison have been filmed, as well as correspondence from individuals who were subsequently employed by Edison. Approximately 30 percent of the documents have been filmed.

Phila., Feb. 18. 1880.

J. A. Edison Esq.  
New York Dear Sir: A  
short time ago I wrote  
you asking your influence  
for promotion, or an increase  
of pay, and your reply through  
Mr. Johnston was duly received.  
Since then I have remained  
in Phila. until Friday, Feb.  
13 when, after being with  
the Edison Co. nearly four  
years, I was laid off per-  
manently by Mr. J. B. Vail  
on account of insufficient  
work in Phila. to keep me  
busy.

Was the Edison Co. no  
more need of me? If it

has not, will you kindly  
favor me with a recommen-  
dation, you having had  
some knowledge of my  
abilities as an electrician  
and in mechanical and  
engineering matters.

Being pardon for my  
troubling you again.

remain

Yours Respectfully

H. W. Barnett.

672 N. 11 st.  
Philadelphia  
Pa.

Copy 12/27/18

1885-02-18

J. A. Edison

Sir,

Can you find me a position  
where I can be useful to you  
and beneficial to myself

Respt. Yours &c

J. T. Murray

29 Park St Newark

18. 2. 85

Post<sup>ed</sup> March 14<sup>th</sup> 85  
Mr. Thomas A. Edison  
New York  
Dear Sir

Some time ago  
you offered me employment, upon receiving  
the offer, I was busy for Mr. Brown upon  
Indian Ex. installation, and I did not feel  
at liberty to accept your offer.

Now that work in the electrical direction  
is on the wane here I would be pleased  
to enter your service -

Very Respectfully

Jos. Brown Jr

76 Essex St  
Boston

Brooklyn Mar 15/85

Samuel Insull Esq

Dear Sir,

I enclose receipt for my salary during my last week at the Laboratory. I should have done so before but have had no time. I am with the United States Co. now and they keep me pretty busy but I think they will treat me pretty well as soon as I am fairly in. I was sorry to leave the Edison Co. as my relations with all of you have been most pleasant, but I suppose it had to be. My present position will keep me in New York which is imperative under the present circumstances as I can not yet see how my father's case may turn out. He is said to

be in Jacksonville Fla but the story is  
not yet shown to be true.

Although I may not be with  
you again professionally I shall hope  
to meet you socially some time in  
the future. I have sent the record  
of my experiments on storage to John  
Alt as he tells me that Mr. Edison  
wishes Hamilton to continue the work.

With best regards to yourself  
and to Mr. Edison

Very truly yours  
Thomas P. Conant

22 Willam St  
Brooklyn

*Revised 1884*  
*A. R. R.*

*Pennsylvania Railroad Company*  
*Philadelphia, Wilmington and Baltimore Railroad Company*  
*West Jersey Railroad Company*  
*Camden and Atlantic Railroad Company*

GEORGE M. TAYLOR,  
*Auditor of Freight Receipts*  
JEFFERSON JUSTICE,  
*Assistant Auditor of Freight Receipts*

*Accounting Department*

*Philadelphia* 3/18 1885

*Mr. Thos. A. Edison.*

*Dear Sir:*

*If convenient and pleasant, I would be pleased to have my passport of returning to your company. I am at your service at any time, and I certainly would derive pleasure in being favorably answered. Mr. Mason, Mr. Black, Judge, Solicitor, and others can testify to my capability as a thorough business man, and a clerk capable of executing clerical labor in any department.*

*Respectfully &*

*J. T. Lennon*

*Mr. Duffley &*

*Camden, N. Jersey*

*Please address*

Mar 24/85

Mr Insull

Dear Sir,

Will you if possible get  
me a situation at the  
Machine works at any  
thing and you will oblige  
yours

Robert Seale

87 E 14<sup>th</sup> St N.Y.  
City

The Commercial Cable Company.

MACKAY-BENNETT CABLES.

EXECUTIVE OFFICES,  
2 NASSAU STREET,

Geo. G. Mearns

New York, Sept 1st 1895

Friend Edison

The bearer, Frank  
A Perrott is the lad I  
spoke to you about.  
You will find him a  
quiet unassuming boy,  
and willing to do  
anything. He is devoted  
to Electricity & has  
made several little

things which are quite  
creditable for a lad.

I am much obliged  
for giving him a trial  
& I hope you may  
find him useful.

I am  
Very truly Yrs.  
Geo G Mearns

Wm A Edison Esq

Received  
Aug 9 / 85 / R

Media, Pa., 4/8/85.

Mrs. Thos. Edison,

New York.

Dear Sir, - I am anxious  
to prepare myself for an  
Electrical engineer. I pur-  
pose to take a special  
course in electricity at  
Lehigh Univ. at South  
Bethlehem, Pa., next year.  
Could I secure a position  
in your works next sum-  
mer from the middle of  
June to the middle of  
September. My quali-  
fi-

education is a goal of the  
work, a good <sup>common</sup> ~~common~~  
school education and  
good health and good  
character. I have taught  
in schools for the last two  
years, but know what  
hard physical work is  
and am not afraid to work.  
I should prize anything  
you could offer me, as  
long as it would be in  
the line of a practical train-  
ing for the work and  
of sufficient remuneration  
to pay all or at least half  
of boarding expenses. Please  
favor me with an answer.  
Yours truly,  
Lehas McFolkes.

Brooklyn Apr 19/85

Samuel Insull Esq  
Dear Sir

I have written to  
the Edison Illuminating Co  
of York P<sup>o</sup> to apply for  
the position of general  
superintendent of their  
plant about to be installed.

I have referred them to you  
and should take it as a  
very great favor if either  
you or the Edison would  
send them a few lines  
to give me a good send  
off. I am still with  
the N. S. Co but as I  
am not at all sure

What my position with  
them will come to I feel  
inclined to try for every  
good thing which comes  
to my hearing. If you  
can assist me in this  
matter or if you know  
of any thing better and  
more home, you will  
very much oblige

Very truly yours  
Thomas P. Deane

22 Willson St  
Brooklyn

~~not answered because no St.~~  
~~is found~~

Agnes.

Balto April 15/85

Mr Edison:-

My dear Friend-

You will no  
doubt think strange to re-  
ceive a letter from me -  
and probably you have  
forgotten that such a per-  
son ever lived - and yet  
long ago I knew you quite  
well - and remembering  
your kindness of heart -  
I feel encouraged to ask  
you to do me a great  
favor -

Mr de Bree left the N.Y. Ed  
so some months since  
and consequently has been  
out of employment near-  
ly the whole winter and

with such a large family  
as we have the outlook is  
not a very cheerful one.

I thought perhaps you  
knowing Mr de Bree's close  
application to business and  
his ability and being  
such an old friend that  
you might be able to help  
us in this emergency and  
trusting that if you have  
any situation to offer or  
know of any thing that  
would suit Mr de Bree  
you will kindly let me  
hear from you at your  
earliest convenience I shall  
always feel grateful - and  
would be ever so glad  
to see you if you ever  
come to Balt. I will  
anxiously await your reply

hoping it may be some-  
thing favorable

I am your true  
friend

B. M. de Bree

119 Lombard st

Brooklyn May 1/85

Samuel Insull Esq

Dear Sir

after considering the kind offer which Mr Edison has made me, I would say that while I thank you both very much for the same I do not feel that I can accept it. In the first place, I could not stand the night work, as certain reasons, not to be mentioned here, make my evenings precious to me and in the second place I have decided to try my fortunes with the U. S. Co for the present, as I think I see a fair prospect ahead.

I may be making a big mistake in this but we all have to take chances and if time proves that I am in the wrong, I shall

have only myself to kick and I  
give you full permission to say,  
"I told you so" if the time comes.

I hope Mr. Edison will find  
success in his new venture and  
turn out lots of good things  
and with very best regards both  
to yourself and to him

I remain

Very truly yours

Thomas P. Conant.

Oct 1885

*Pennsylvania Railroad Company*  
*Philadelphia, Wilmington, and Baltimore Railroad Company*  
*West Jersey Railroad Company*  
*Camden and Atlantic Railroad Company*

GEO. H. TAYLOR,  
"Auditor of Freight Receipts"  
JEFFERSON JUSTICE,  
"Contract Auditing Freight Receipts"

*Accounting Department*

*Philadelphia May 8, 1885*

*Mr. Samuel Insull*

*Dear Sir:*

I thank you for the prompt attention given my communication to Mr. Edison. In connection, I would ask your valuable influence in trying to have me reinstated in the Company. You are aware that I was compelled to resign, owing to my not being able to support my family off of the amount rec'd.

Of course, I had expended every surplus dollar for family, hoping that an increase would come and enable me to remain in the Company, but as it was not realized, I was compelled with the greatest reluctance imaginable - to seek employment elsewhere.

I was promoted the principal clerkship at

*U. S. Form 100*  
*Oct. 1896*

*Pennsylvania Railroad Company*  
*Philadelphia, Wilmington and Baltimore Railroad Company*  
*West Jersey Railroad Company*  
*Camden and Atlantic Railroad Company*  
*Accounting Department*  
*Philadelphia*..... 188.....

GEORGE M. TAYLOR,  
Auditor of Freight Receipts  
JETERSON JUSTICE,  
Auditor of Freight Receipts

2

Central Station, but owing to being absent,  
and my case now being thoroughly under-  
stood, my position was given to another.

I notice with pleasure that the future  
is bright for Mr. Echorn's various petitions,  
and I hope you will act in my behalf,  
and cause me to be a glad recipient  
of an appointment in the Company, for  
which my appreciation of your kindness will  
be unbounded.

Respectfully,  
J. J. Lennon

Power 20  
Auditing Department  
Penn. R. R. Co.

Phila. Pa

Baltimore Md May 18/88-

P. B. Edin

My dear Mrs. Edin

I have just returned from a trip to the country and have a letter from Mr. Insull in answer to Mrs. Edin's letter to you for which accept my thanks.

I hope you will use your influence in my behalf as I would like very much to get into something.

I have had considerable experience with Cables & underground work while in the South -

We have always taken much interest in your success and my family all join me in good wishes for your welfare - Hoping that

You may see something  
suitable for me I  
Remain Yours very truly  
W. de Bore

119 Fulton St  
Baltimore

VAN WINKLE & SCHMITT,

**MACHINISTS.**

MANUFACTURERS OF  
BUILDERS' AND CABINET HARDWARE,  
ELECTRO BRONZE, NICKEL AND BRASS PLATING,  
Machinery of every description built to Order,  
Nos. 222 and 224 EAST STREET.

A. J. VAN WINKLE,  
SUCCESSOR.

New Haven, Ct., May 19th 1880

Mr. J. A. Edson

Dear Sir

I have in my  
application to the Yale and Towne Mfg.  
Co. for a position as Draughtsman, referred  
to you so kind enough to give me as  
good a recommendation as you honestly  
can as a Draughtsman and Designer  
and oblige yours etc

C. H. Campbell

Time is approaching & I think  
when I hope to see  
him

5  
Buffalo N.Y. June 6, 1888

Friend Edison:-

I several weeks ago  
asked you for a position for my friend  
Thomas Henning of this City, and I  
believe you said you could give him one.  
Owing to my negligence, I did not advise  
Mr. Henning to apply to you. He is an  
accomplished electrician, and I think  
would be of great service to you, you could  
trust any experiment to him, he is very  
quick at comprehending the operation of  
any new thing, consequently you could use  
him at a moment's notice anywhere, Give  
him a trial, and, I think you will be  
pleased. I will greatly appreciate anything  
you may do for him. Write to me here  
Care of Mr. David F. Day, what you can do for him.

Thomas B. Edison,  
New York City,

Your friend,  
Wm. Thompson

Sirs,

## Middletown Edison Electric Illuminating Co.

Middletown, O. July 17<sup>th</sup>. 1885.Mr. Thos. J. Edison,  
New York  
Dear Sir,

I have been working and studying electricity at this Plant. And if possible wish to continue on in the profession I have chosen. And in order to become more proficient would like to study at headquarters or under your supervision. This is a great favor for a stranger to ask. But as I am very much interested and no other method presenting itself I take this step with the assurance to you that I can give as references some of the most prominent business men of this section also Mr. A. Stuart Fiske <sup>23</sup> Secy. of the Ohio Edison Electric Installation Co.

Yours Respectfully,  
Will P. McKee

[Copy] Drexel Morgan & Co.  
P. O. Box 3136.

New York July 15, 1895.

My dear Mr. Edison:

I ask as a personal favor that you will kindly receive and listen to the bearer, North McLean, who is a near relative of one of my wife's and my own dearest friends.

Young McLean comes from 'good stock,' and has by his conduct at home and in school done high credit to that stock, and, so far as it depends upon himself, I regard his future as one of good promise.

He will tell you himself what he knows and what he

wants. Now will you do for him what you would do if he were my own son? If I even can be of service to you in return, it will afford me very great pleasure. But I hope and believe that, even without such a promise on my part, you will kindly receive and counsel my young friend.

Very truly yours,  
Sig. C. P. Christensen,  
Manager of Drexel Morgan & Co.

Thomas A. Edison Esq.

68 Rifford St.

Syracuse N.Y.

July 23 1885

Mr. Edison,

Dear Sir,

You will perhaps recall the fact that during the period from October 1883 to August 1884 I was employed in the Testing Room in Grove St. as Assistant. I left the Testing Room & entered the employ of the General Electric Co. with whom I remained until last April.

When I left the T-Room you were so kind as to give me a letter attesting the skill and faithfulness of my services with you. This letter I have unfortunately lost.

Now I wish to secure a

position as teacher of Physics  
and Chemistry in a Technical  
Training School, and a letter  
from you certifying to my  
work and study of electricity  
in your laboratory will be  
of great service to me.

If you will kindly send me  
such a letter I will be deeply  
obliged to you.

Respectfully Yours

H. N. Marvin.

THE NORTH AMERICAN REVIEW,  
NEW YORK.

Business Department.

September 22d.

Dear Mr. Soliers:

I have a son of eighteen  
who possesses considerable mechanical  
aptitude, and is greatly interested in elec-  
trical operations. May I ask if you will  
kindly suggest, if you can, how I can get  
employment for him in some shop or office  
where electrical apparatus is manufactured  
or operated. Is there, in any possibility,  
an opening for him in connection with some  
one of your various extensive enterprises?

Sincerely yours,

D. S. McLeary,

HENRY GUIMARAES.

New York, 1st October 1871.

J. Marshall Esq.

65 St. Geo. City.

Dear Sir,

Some time since you kindly promised me to give me a reference from Mr. Adams.

Such a paper will be very valuable to me at present, & I am endeavoring to obtain a position in a Commercial House in this City & the visitors want to know something about me during their past 3/4 years.

If you will kindly make the testimonial as strong as possible stating that I worked hard & faithfully for you, & that you generally found me correct.

It is for a Working House, so please leave out Electricity as usual as possible.

Trusting you will do me this favor at yr. earliest convenience.

I am my Dear Sir, yours  
Very truly yours  
H. Guimaraes

18 Bank St  
New York

my m, r, n

Lockport, N.Y. Oct 5/88

Mr. Thos. Edison:-

Dear Sir,

I beg to inquire if you have any place in the experimenting department of your establishment for me. I have studied two years on mathematics & Physics at Baltimore under the Professor there. The last two years I have spent in the Physical-Institut at Berlin under von Helmholtz, carrying out various investigations. I received the doctor's degree <sup>and</sup> while there. My work has been chiefly on electro-optics. I may

say that I have paid special attention to electricity and magnetism, and especially the mathematical side. such as in Maxwell's Electricity in addition to the experimental work on these subjects. I can also furnish you a letter recommended from von Helmholtz. Prof. Bockett and Magie will also furnish letters if desired. When I saw Prof. Bockett a few days ago he thought you might be in need of a physicist. I have not seen Prof. Rowland since I went to Germany, but while there he said that you were often in want of a man in your experimental work. I am not an electrical engineer yet I have been over enough

of the more advanced work to be of considerable service, possibly to you. If you have a possible opening for a physicist I should be glad to enter into further correspondence. Hoping that you will favor me with a reply. I am

Very truly yours  
Dwight B. Brewster  
83 Monroe St.  
Lockport, N.Y.

Western Union Telegraph Company,

N.Y. Oct 7 1885

Thos. A. Edison Esq  
New York  
Dear Sir:

Permit me to introduce to you Mr S. G. Horvitz who is looking for a situation as Electrician. Mr Horvitz has been studying Electricity at the Johns Hopkins University several years and is, I have no doubt, well qualified for the position which he seeks.

We have no vacancy in that Department - I hope you will be able to put him in the way of getting employment.

Yours truly  
Jno. V. A. Borne

HENRY GUIMARAES.

New York, 12th Oct. 1911.

Genl. Inallbag,

Proctor,

Dear Sir, I duly received yr. favor of the 6th inst., but did not receive the promised letter of recommendation.

I need it very much indeed & in fact will surely lose the position I have in New York if I get it within a day or 2, as I did not work for any body else beside Mr. S. I have since I arrived in the U.S. she is the only man who can give me letter of recommendation.

I am sorry to trouble you but please be kind enough to let me have the letter as quickly as possible. I will bring the letter to you when I get up words 60-3

Yours truly  
H. Guimaraes

Arlington New Jersey  
10. 15. 85

Thos. A. Edison Esq.  
New York City,

Dear Sir, I enclose a letter  
from Dr. Raws purely by  
way of identifying my-  
self to you. I have in  
my congregation a fine  
boy who has taste & talent  
for work in Electricity &  
who wants to be under.  
His name is George  
Vanderwolf, & his post  
office address Arlington  
Hudson Co New Jersey.

You can rely upon  
my representation in  
regard to capability  
& good character. I  
wish very much you  
would send him &  
try him.

With great respect,  
Very truly,

Geo. Shuter.  
Pastor Presbyterian Church.

[ENCLOSURE]



University of the State of Missouri.

SAMUEL S. LAWS, PRESIDENT OF THE UNIVERSITY.

J. C. JONES, SECRETARY OF FACULTY.

J. H. DRUMMOND, LIBRARIAN AND PROCTOR.

JAC. S. ROLLINS, PRESIDENT BOARD OF CURATORS.

R. L. TODD, SECRETARY OF BOARD OF CURATORS.

R. H. PRICE, TREASURER OF BOARD OF CURATORS.

(Sixteen pence Price).

Executive Committee of the Board of Curators: JAB. S. ROLLINS, CH., JNO. S. CLARKSON and WM. F. SWITZLER.

Columbia, Boone Co., Mo., Oct 5th, 1885

My dear Sister:-

I am glad to hear from you & now have 2 letters unanswered. The young man of whom you speak, if he is worth my notice, will work his own way & no need of mine would be worth a baubee. Let him offer himself at Edison's shop, if that is where he proposes to go, & go to work & work up. All the talent he has will be found out & no one is going to make a musing of it in. You know Prof. Meyer of a school, who was formerly at Westminster there is no better place than Stephens decided that Professor who is Prof.

Wish you could visit as often as we are doing. We are in a kind of a hurry now, but we will go to St. Louis, please write to us. We have about 100 students, with something under both hands, 1885. Truly Yrs. H. H. Laws

Form 31 B.

# NIGHT MESSAGE. Southern Telegraph Company.

This Company TRANSMITS and DELIVERS messages only on condition, limiting its liability, which have been accepted to by the sender of the following message.

Errors can be granted against only by repeating a message back to the sending station for comparison, and the Company will not hold itself liable for errors or delays in transmission or delivery of UNREPEATED MESSAGES.

This message is an UNREPEATED MESSAGE, and is delivered by request of the sender under the conditions named above.

A. L. BOULWARE, Receiver,

JOS. W. KATES, Gen'l Sup't,

Richmond, Va.

| NUMBER               | SENT BY | REC'D BY | TIME   | CHECK                       |
|----------------------|---------|----------|--------|-----------------------------|
| 1370                 | Ca      | DC       | 11:32A | OK - Sam strictly temporary |
| Dated, Danville Va 7 |         |          |        | Rec'd at New York ny        |
| To Thos A Edison Esq |         |          |        | Mr 7d 1885                  |
| New York             |         |          |        |                             |

Dear Sir,

Enclosed please find letter of Stark & Meadowcroft and Co, your city. And I kindly ask for employment of some sort as I am an expert in the Electric Light business and will

2470

Form 31 B.

# NIGHT MESSAGE. Southern Telegraph Company.

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A. L. BOULWARE, Receiver,

JOS. W. KATES, Gen'l Sup't,

Richmond, Va.

| NUMBER   | SENT BY | REC'D BY | TIME   | CHECK                       |
|--|---------|----------|--------|-----------------------------|
| 1370   | New DC  | DC       | 11:32A | OK - Sam strictly temporary |
| Dated, Danville Va 7                             |         |          |        | Rec'd at New York ny        |
| To T. A. Co. Esq                                 |         |          |        | May 85 1885                 |
| work for most any salary to keep from starvation |         |          |        |                             |
| New York very truly                              |         |          |        |                             |

Sincerely,

J. O. M.

2470

Reference given by Esq D. Infirmer Chief Elect. W. H. Bell

[ENCLOSURE]

MANUFACTURERS OF  
AND SOLE AGENTS IN  
GOODS FOR ELECTRIC LIGHTING,  
MOTORS, INSTRUMENTS  
AND GENERAL SUPPLIES.  
AUTHORIZED AGENTS OF THE  
EDISON LAMP COMPANY.

SOLE AGENTS FOR  
PHILLIPS BROS., LONDON.  
Silk and Fancy Covered Wires.

FACTORY:  
82 AND 84 FULTON STREET, N. Y.

HERBERT V. PARSELL, President.  
W. R. KNOX, Vice-President.

GEN. H. STOUT, General Manager.  
Wm. H. MEADOWCROFT, Secretary and Treasurer.

## The Stout-Meadowcroft Co.

21 AND 23 ANN STREET.

P. O. BOX 3411.

New York, Nov. 5, 1885. 188

Geo. W. McNish, Esq.,

Danville, Va.,

Dear Sir;—

In reply to your telegram of  
this date we beg to state that at present we have no position in  
our business for an expert. You might perhaps do better with Mr.  
Edison, or the Edison Co., whose address is 65 Fifth Ave., this  
city.

Yours Truly,

*Wm H Meadowcroft*

secretary.

Paris 12<sup>th</sup> Nov. 1885  
(S. Rue Caumartin)

Th. A. Edison Esq,  
Dear Sir & Master!

I beg to refer you to my letter of  
20<sup>th</sup> of March 1884 has also to that of my  
father of 9<sup>th</sup> July 1884.

I am happy to inform you  
that by your first recommendation  
the doors of your Science, have been  
opened to me & having found employ-  
ment first in the installation of the  
then in the technical office of the  
Société Electrique de Paris Rue de Caumartin.

Please excuse me, Dear Sir for  
not having sooner given you my thanks  
for your kindness & generosity  
in which thanks my father joins.  
I should be very happy indeed  
& I should be thankful to you for ever  
if you would call me to your country  
in order to work under your  
directions.

Trusting that you'll consider  
my request, I please accept the assurance  
of my highest sentiments & greatest  
devotion.

Paul Appers.

FRANCIS H. WHEAT, Pres. J. HANFORD ROSS, Vice-Pres. CONSTANT A. ANDREWS, Treas. JAR. K. GRACIE, Sec.

## Charity Organization Society

OF THE CITY OF NEW YORK.

CHAS. D. KELLOGG,  
ORGANIZING SECRETARY.  
(Telephone No. 392, 21st Street.)

CENTRAL OFFICE  
21 University Place.

Dec 8<sup>th</sup> 1885

Cable Address: "CHARITY, NEW YORK."

POSTAGE GUARANTEED PAYABLE AT STATION "D."

(IN REPLY TO YOUR FAVOR OF )

Mr. T. A. Edison  
Dear Sir, No. 65 Fifth Ave. City

Will you kindly tell me what you know of the character, habits and ability of a man named Preckel living at 673 East 14<sup>th</sup> St., who we understand has been employed by you?

The family is in great distress evidently caused by the man's inability to find work. he tells us he hopes to get work through you in about two weeks - Will it be possible for you to put him at some thing sooner? Thanking you in advance for the information.

Yours Very truly  
Chas. D. Kellogg  
Dec 4  
C. E.

Jersey City<sup>N.J.</sup>

Mr Edison

I have been out  
of employment for a long  
time so I thought I would  
write and see what you could  
do for me. I don't suppose  
you have forgotten who I  
am. I was in the same  
office with you in Newark  
I have been over often but  
never could meet you.

Trav your friend  
Ed. J. Hoff

John Van Wagenen  
263 Tommelle Ave  
Jersey City  
N. J.

OFFICE, 108 LIBERTY ST.

Laboratory, Rahway, N. J., 45 Minutes ride by Penn. R. R.

Thom I. ALFRED HAID, Ph. D.,

Analytical Chemist, Technical Expert,

ASSAYING IN ALL ITS BRANCHES,

*Electro Chemical Matters a Specialty.*

New York, Dec 17<sup>th</sup> 1885

Dear Sir,

I beg to offer my services if you have  
any work in my line, analytical or ex-  
perimental. Give me a show and I  
will do anything I can to please you.  
Yours very respectfully  
Alfred Haid

1885. Edison, T.A. - Family (D-85-014)

This folder contains correspondence and other documents by and about Edison's family.

All the documents have been filmed.

T. H. E. Personal Family  
Sam. Edison

9528

# Grand Trunk Railway of Canada.

General Managers Office

Montreal, 2<sup>nd</sup> Jan'y 1885.

Dear Sir,

Mr. Samuel Edison, the writer  
of the enclosed letter is, I believe, your father.

He is preparing a claim of \$28.00 due to you  
for wages, it is said over 21 years ago. The

tone of the correspondence is, I think you will  
agree with me hardly what it should be  
and I have thought probably the best plan  
to end it would be to send it to you. If

~~however~~ you think the Company must deal  
with it, and will return me the correspondence  
I will bring the papers before the General  
Manager and an official reply shall be  
made.

T. H. Edison, Esq.  
New Jersey  
meals part

Yours faithfully  
John Hurton  
Assistant to the General Manager

From Huxley Sept 10th 1884 St. Clair Co. Dore, Su. I received a  
 letter from the Party to whom you handed my letter stating that he ac-  
 cepted upon my word of honor to verify the truth of my allegations as  
 to his wages and that he was my "patience" is not easily obtained, it ap-  
 pears to me that there was this little difficulty in arriving at a  
 satisfactory conclusion - For you have evidence that my son was so  
 the exact measure of the Grand 7 inch for a certain length of time  
 and you have shown out one dollar without securing a receipt or  
 bond - For you have no evidence in your books that he has ever  
 been paid and for the simple reason that you sent him home without  
 his wages as a penalty and after weeks agreed in an interview and  
 after more I had with you in your office in Toronto to pay me when  
 you came up to Point Edward to show me the money in contact with  
 you since - you promised to accept the matter as a finality  
 but interviewing my son in New York with the same result and saying  
 But does it require a 9th agreement? Yes  
 All that you needed to do was to accept the matter and to  
 you containing allegations of fraud and theft and the  
 President of the St. Clair Co. and the  
 Justice of the Peace of St. Clair Co.  
 bearing witness to the fact that  
 will answer you yes and no in the letter  
 Do let us hear from you





EDISON LOCK CO.

MANUFACTURERS OF

BURGLAR-PROOF FURNITURE AND SASH LOCKS,

ROOMS 12 AND 13 PERKINS POWER BLOCK,

CLEVELAND, O. Jan'y 30 1885

To A Edison Esq  
65 Fifth Ave New York

Dear Sir

Consid of Dec 26th was  
only recd yesterday. It was directed to  
Concinnatus O. There was advertisement I suspect  
as stated on the envelope. Your ask to know  
if I am Connected with the Edison Lock Co  
I am, all there is off it at present. Most  
in other parties in town for the sake of more  
Money to drive it faster. It is a new thing  
I have only been to work at it about four months  
getting up special tool & machinery to manufacture  
it. I have now just about got it on a manufact  
basis - They can be made very cheap much cheaper  
than any other in prod a lock. Of course you can  
see the possibilities. The bolt can be made any  
length from 1 in to 10 ft long. Put out at any  
point of the compass - The device was patented  
in 1879 - I have got in applications at Washington  
for a patent on this special lock. Also getting it  
patented in Great Britain France Germany Belgium  
& Canada. of which I shall contact. Would like  
to hear what you think of the Lock & Latency device

P.S I enclose some drawings

110. B. 110. 110.  
Jan 20. 1850

And if you can see any money in it -

I am going to put a larger key as soon as I can reach it for top & bottom door bolts. Can make a better bolt than they are making now for less than one half the money. - Similar bolts are made for this can be locked up or down and the door can rattle for all time. And ~~the~~ cannot more until it is un-locked. - You will see by the device that it is a secure lock. I have to lay out you a

sample of my Burglar proof Fresh Lock a lock that can be used for any door that they may want to try lock on one side. The bolt is steel and can't be broken between wood.

What are you doing with the children - Are you keeping home - Do you Father with you - This is the first word I have heard from you since Mary's death -

Please write and let me know what you think of the lock - and send the news -

Also about the children - If you should go to the Exposition at New Orleans - would like to have you come this way & make me a visit.

Yours very truly, J. P. Edison

Eugene L. Stowell

1885-2-09

# 99.64

#39 East 18th St  
Feb 9-88-

My dear Mr. Ewell  
I am very sorry  
here from the "Gow  
Company" to give  
me notice that if the  
bill was not paid  
by this evening they  
are going to turn  
the eggs off.

The amount is  
\$6.88 for Oct. 1st. 1887  
and Jan.

Please let me know  
if you can pay it  
if not we will have

to him in a stock  
of capitals.

Ans. by letter

Yours Sincerely,

Jennie A. Stelmell

Eugene L. Stilwell

1885-02-11

To Mr. Randolph  
Your message  
came this morning  
to mamma asking about  
the rifles + cartridges.  
There are none here,  
but enclosed is a  
telegram from Munk

Yours Respt

E. L. Stilwell

#39 E-18th St

Feb-11-88

New York, Feb. 12<sup>th</sup> 1888

Mess Edison

To ~~Edison~~ & COTTRELL, DR.

TERMS, CASH.

ROBES DE PARIS.

# 948. 4. an

|  |        |      |
|--|--------|------|
| For Making White Embroid dress<br>and findings<br>Buttons Cotton | is all | 5.50 |
|--|--------|------|

|  |        |      |
|--|--------|------|
| For Making Black sateen dress<br>and findings<br>1 Steel Elastic Hooks eyes<br>sowing silk twist | is all | 7.00 |
|--|--------|------|

|  |        |      |
|--|--------|------|
| For Making light sateen dress<br>and findings<br>Steel Elastic Hooks eyes<br>sowing silk twist | is all | 7.00 |
|--|--------|------|

|                                      |  |      |
|--------------------------------------|--|------|
| For Gray cloth dress<br>and findings |  | 8.00 |
|--------------------------------------|--|------|

|                      |  |      |
|----------------------|--|------|
| 1/2 Peris silk Braid |  | 1.50 |
|----------------------|--|------|

|                       |  |      |
|-----------------------|--|------|
| 1/2 Peris Bone casing |  | 2.00 |
|-----------------------|--|------|

|       |  |      |
|-------|--|------|
| Bones |  | 3.00 |
|-------|--|------|

|       |  |      |
|-------|--|------|
| Belts |  | 1.20 |
|-------|--|------|

|                   |  |      |
|-------------------|--|------|
| sowing silk twist |  | 2.00 |
|-------------------|--|------|

|                         |  |      |
|-------------------------|--|------|
| cross bar and foundaish |  | 3.00 |
|-------------------------|--|------|

|             |  |      |
|-------------|--|------|
| silk facing |  | 5.00 |
|-------------|--|------|

\$ 30.62

Received

Pay Mt



Sam'l J. Edison

1885-2-22

Grand Rapids Michigan  
Feb 22 1885

Cousin J. A. Edison

You  
will undoubtedly be surprised  
at receiving a commemorative from  
me. But I wish to ask a favor  
and that is five views and  
family Photo -

I met your children years ago  
at Port Huron at Cousin  
P. M. Edison and they promised

to send you Photo to me  
but never Received it

Sarah J Edison  
Grand Rapids  
Michigan

Box 313

Helen Edison

1895-03-13

<sup>(Ohio)</sup>  
Norwalk March 13<sup>th</sup> 1895

Mr. Inael

Dear Sir

I have heard that Mr Edison was out of the City; did he go alone or with a party how long will he be away? Mr Edison has been expecting to hear from you nearly from a promise you made him when in

New York the last time  
We are anxious to hear  
how the Children are  
and in whose care  
they are. I am visiting  
my Daughter at the  
present in Norwalk  
Ohio, and would be  
pleased to receive a reply  
from you here; also  
Mr Edison address.

Yours Most Respectful

-ly

Nellie J Edison

Marion Edison's original writing

401 Lexington Avenue

Mr. Inall

Dear Sir

Will you be  
kind enough to  
send me the amount  
of Miss Edison's Invoice  
bill. I sent it last  
week the 18<sup>th</sup> but  
she may have forgotten  
to forward it to you

So I send you a copy.  
I leave for England  
on the 25<sup>th</sup> inst. and  
of course am anxious  
to collect all my letters  
before I leave.  
Apologizing for troubling  
you I am

Very truly yours  
Wassett Clark

June 16<sup>th</sup> 1855.

June 21<sup>st</sup> / 1885

Menlo Park  
N. J.

Dear Mr. Smith.

The Coachman  
wages was due the 18<sup>th</sup>  
and I paid him it  
now. \$15.00 please send  
it as I need it very bad  
and the girls wages is due  
the 29<sup>th</sup> it is also \$15.00

Mrs. M. Stilwell  
Menlo Park  
N. J.

Morgan Edition more correct

401 Lexington Avenue

June 11/1881

Mr. Isaac  
Dear Sir

I am sorry to trouble  
you so much, but  
as I sail for England  
on the 25<sup>th</sup> inst -

and require my money  
to take with me -  
I know of no other way  
of obtaining it than by  
writing to you Will

Yrs. Stanger send  
me the amount of  
enclosed bill, at  
once & oblige  
very truly Yours

Harriet Clarke

June 22<sup>d</sup> - 1885,

[ENCLOSURE]

401. Lexington Avenue

Mr. J. A. Johnson Esq.

to Mrs. H. Clark

33. Transfer of lesson to Miss Marian  
Johnson from April 13<sup>th</sup> to June 9<sup>th</sup>

33.00  
short piece — 65  
particular — 80  
Total \$145

Eugene L. Stilwell

North Park, N.J.  
7-86-804

Dear Mr. [unclear]:

Enclosed are  
two bills. I believe they  
are all right.

Yours Sincerely

Eugene L. Stilwell

Thornton July 29 / 1885

Well Al how are you and how  
are the Children I hope you and them  
are all well I have landed on the  
farm and become a regular Moss  
back and like it all right but its  
rather hard work for me at times  
for you know a man cannot run  
a farm unless he puts his shoulder to  
the wheel and works I weighed when  
I went farming 234 and now weigh  
only 203 now is that well I looked  
around Port Huron for something to do  
but it is very dull and times are  
very bad than a great many people  
out of employment and no work so  
I thought the best and the surest thing  
for me to do was to do what I did  
go on the farm where I could earn  
a home living dont you now Al I  
am going to say something which I mean  
intended to do again that is ask you  
for any more help but I am in a  
strait for a little money I am behind  
about two hundred and thirty dollars  
it is impossible for me to raise it and  
what to do I dont know I dont know  
may be you may be pressed for money  
but I hope not for it is here when a  
man is worried this time and can  
pay I think by another year I will be all  
right if farm produce brings any thing of  
a price but if I cant sell for a big price  
I must do as others take loss but anyway  
I will have plenty to eat and wife ship  
I can load to you well Al let me know  
for I must do something I could sell the  
farm that would sell myself out of business  
I would like to keep it if I can but if worse  
comes to worse I will have to let it slide

WPE

Tom Jr.

Bethel, Maine

Mon. Aug 3. 1885.

Mrs. A. Edson Esq.

Dear Sir,

From this  
delightful mountain home where we are  
spending our 17<sup>th</sup> August we send word  
to the parents of our pupils of our in-  
dignation & preparation for renewed work,  
and our wishes for their health & comfort  
in the freshening autumn country.

I hope you take time from your intense  
labors for the fullest recreation.

I know it is not likely that Tommy  
will return to us, but you and his  
grandmother may be interested to see  
our new enclosures & possibly to hand  
one to an inquiring friend.

With our kindest regards to her and a  
cheerful remembrance to Tommy, I am  
yours, with sincere respect,

M. W. Lyon.

Eugene L Stilwell



Winds Park W.C.  
Aug 16th 1880-

Dear Mr. Dunt.

Will you please  
send Hattie ten Dollars.  
and take it off the money  
you send this week.

Yours truly

E. L. Stilwell

Sent Aug 15<sup>th</sup> 1880

[illegible]

Elizabeth Edison

to live any time he would me to come  
and see him and more signifi-  
cantly color  
go and see him before days and it hard  
to be pleased like this it will only cost  
a few dollars for me to go have me  
if I can get have it I will go get  
something to do. believe I can  
hear it is such hard times here  
I can't expect any help from  
my husband I see a count of him in  
the papers having wife in elenay  
he come very near having alany hear  
in his own way to do the best he can.  
that is all I can do please help me  
I'll tell this time until he so thank  
ful if you will I can't do what I will  
do I see if you don't please forgive me  
for taking such liberty to ask you  
but you must not think it is very very  
hard to be left with out want me  
good help you to help me this time  
Elizabeth Edison part second

Eugene L. Newell.

70 Gault Park Bldg  
Sept 12-86-

Dear Mr. Newell.

Mamma is going to send some  
thanks to the house.  
They will be at Del  
Brooks St. Freight  
house. Will you send  
a wagon down  
there and have them  
taken to 89 E. B. St.  
will send them  
from ~~the~~ here Mon-  
day morn.

send for them Tues-  
day. Then will you  
see that there are  
boxes & barrels at  
the house by Tues-  
day morning.

yours Truly  
E. L. Steele

[FROM ALICE STILWELL]

Form No. 1.

# **THE WESTERN UNION TELEGRAPH COMPANY.**

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission of delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, not in any case where the claim is not presented in writing within sixty days after sending the message.

This is an **UNREPEATED MESSAGE**, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager. 90  
NORVIN GREEN, President.

| NUMBER                                    | SENT BY | RE'D BY | CHECK       |
|---|---------|---------|-------------|
| 1   | SA      | u       | 8 Paid      |
| Received at: MORRIS & ESSEX R. R. DEPOT.. |         |         | Sep 24 1885 |
| Dated: New York N.Y.                      |         |         |             |
| To: Mrs. F. Price                         |         |         |             |
| 31 Norfolk St                             |         |         |             |
| Hold mantes for me will                   |         |         |             |
| give twenty dollars                       |         |         |             |
| Alice                                     |         |         |             |

Send to 1307  
708

Thomas A. Edison Esq.

My dear Sir,

We receive our sis.  
sister on ~~Thursday~~ Oct. 1<sup>st</sup>, and  
I hope we shall have the  
pleasure to receive Miss  
Edison on that day. It will  
be a great advantage to  
her to begin her studies  
with her classes. She is now  
old enough to be promoted  
to a higher grade in school,  
and we shall use our most  
vigilant endeavors to ad-  
vance her rapidly this year.  
I wish I could persuade you

to place her in my Boarding  
School, and give me the ex-  
act direction of her time.  
The benefit to her would be  
very great, as she could study  
without the interruptions that  
are unavoidable, when a pupil  
is obliged to divide her thoughts  
between school duties and  
engagements at home.

Hoping to hear from you at  
an early day. I am

Very respectfully yours,  
Mm. M. Mearns.

26<sup>th</sup> Sept. 1883.

222 Mad. Ave.

Sept 30<sup>th</sup> 1888

Mrs & Mrs Price

I have called at your house and  
was not allowed to enter. I wish to inform you  
that your little game has been found out.  
I know all about your going last night  
with Dotter and taking what Dotter had  
no right to take. I wish to inform you that  
if all of the things are not sent back  
to her I will see that something is done  
to compell you to do so one thing is positive  
is the white satin dress. I want you to  
understand that she gave me that dress  
and I must have it  
if you wish to know more you can let  
me know where I can see you

Mrs Wm Helger

Marion Edison

1 Sept 30 1885

Mrs Price

Auntie  
and Grandma  
has found out all  
about every thing  
she met some one  
who saw us going  
to Newark Monday  
night who knew  
us I wish you would  
send me all of the  
things. Auntie will  
see about getting

mainas and I don't want I don't want to sell any thing send them all in my name to Mend Park as I am to stay here with Auntie till comes back please send them as soon all as possible or else they will send word to papa all about it. It was awful in you to let Auntie think that it was my

them made for me. if you do not send them she will go to every Lawyer in Newark and ask his advice and to Napa's Lawyer to and I would not like her to do that papa is in Boston and I don't know when he will be back and O do fool sell that lace for that belongs to her ball dress of of Nears

friend Mrs Reimer  
 who was over there  
 with me and have  
 her talk so against  
 her on account of it  
 one thing I can  
 say is that Auntie  
 Riew all about  
 it before I said and  
 thing she will not  
 tell me who it was  
 if she had I would  
 have told you Auntie  
 or Mrs Reimer are

going over to the  
 Hotel to help me  
 fix it up do not  
 come do not come  
 to the Hotel for  
 I will not see you  
 Auntie and Mrs  
 Reimer - will be  
 with me for some  
 time. I want you  
 to send everything  
 you took away

Marion E Edson

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NORVIN GREEN, Registered

| NUMBER                      | SENT BY | RECD BY | CHECK |
|-----------------------------|---------|---------|-------|
| 11                          | Sgt     | 12 paid |       |
| MORRIS & ESSEX R. R. DEPOT. |         |         |       |
| Received at: OCH 1 1884     |         |         |       |
| Dated: Menlo Park N.J.      |         |         |       |
| To: Mrs F. N. Bruce         |         |         |       |
| 31 Norfolk St               |         |         |       |
| If you do not send          |         |         |       |
| goods by Friday I will      |         |         |       |
| send Detective              |         |         |       |
| M. Edison                   |         |         |       |

Alice's

Jennie L. Stilwell  
Oct 2 - 1888

Eugene L. Stilwell.

To Carlo Park N. J.  
Oct. 2<sup>nd</sup> 88.

My dear Al

You spoke of my  
going away to school.  
It was very kind  
of you and I am per-  
fectly willing to go.

I sent for some  
Circulars, The one enclosed  
is a very good one, as  
Mamma and I were over  
the yesterday to see it.  
I like it very much.

It is two hours ride on  
The U.I. Central railroad,  
The rooms a very pleas-  
ant, also well heated.  
The teachers, everything  
is the best. The boarders  
are limited. The terms  
are very low for such  
a nice place. Now I  
hope it will prove satis-  
factory to you. I will  
you please let me know,  
as I will know what  
to do. The terms are payable  
Quarterly, in cash.  
Yours Sincerely, J. M. Stilwell

(T. D. L. 2. Family, Second)

Fort Gratiot Oct 30, <sup>th</sup> 1885

J. A. Edison

My Dear Boy I shall be  
ready and start for New York  
on Thursday next and bring  
James Lyman with me except  
I hear from you - if all things  
is nite than offer Europe  
Ever yours  
J. Edison

Wm. Hodge married Anne, daughter  
sister of Mary, Es. Portland

Menlo Park  
Nov. 9-85

Mr. V. W. Edison

Dear Sir

I am obtaining  
fair results with the experiments  
on Live Hocks at Menlo. No doubt  
but what is <sup>an</sup> a lucrative business  
can be established here.

I propose to increase the stock & will  
require funds ready cash. Will you  
please forward your check for \$250.00  
to me & I advance to Van Allen East  
Clinton. I hope to see you at Menlo  
sometime & have an opportunity of showing  
you the planting of a Live Hock Ranch.

Yours v.  
Wm. Hodge

Springton Jan.

November 24<sup>th</sup> 1885 Glasgow Scotland

Dear Sir I hasten to inform you that your father and me has arrived safely in Glasgow after a very pleasant voyage — We had not any stormy weather at all — It was like a summer trip — Except that the Island is a little uneasy there is not a single drawback — We had ten Cabin passengers all of them jolly fellows — All intelligent and some of them University Students — Between story telling, repartee and song your father enjoyed himself ~~very~~ ~~much~~ ~~enjoyed~~ ~~very~~ ~~much~~ ~~enjoyed~~ ~~very~~ ~~much~~ immensely — He wished it might never end — The Captain and all the officers were perfect gentlemen combined with all the caution and energy of the race — We would have gone up to see the scenery of the Firth of the Clyde but the season is past — Today we go to see the Cathedral and Tombs we go to Edinburgh the City of a wonderful history and of the illustrious dead whose graves we shall visit This day week I will apprise you of our future progress I remain yours truly  
T A Edison Esqr. Jas Springton

Mary - 25/11

Windsor Park N.Y.  
Dec 1-88

Mr. Inman,

Dear Sir:-

I have not  
received any thing this  
week I think perhaps  
you had better send  
the check as you did  
at first.

Yours Truly  
Mrs. M. Skilwell

No 5 Engraving of Great West Window

Dec 9<sup>th</sup> '88

Mr. Samuel Tilden,

Dear Sir, -  
I have Mr. S. C. Mason was  
to our City in October he  
ordered 500 or 1000 Magnesian  
pieces of steel - a sample  
he left with Mr. Butcher &  
I think. I wish to say that  
the matter is as seriously  
urgent that you prepare &  
send them soon as possible  
or a little sooner, for in  
N. Y. City anything can  
be done in a few days.  
Enclosed find address and  
reply as to how soon we can  
expect them.

Respectfully Yours

Wm. S. C. Mason  
per W. S. C.

Miss Melrose Dodge

husband

Can you give me Halger  
a note to Cowles so she  
can get some Kerosene  
Dear Al just as with  
discount off if  
so write me

When you was here last  
summer you said you knew  
the man that manufactured Lamp  
Chandeliers and thought you could  
get them cheap. The rooms look  
so bare and queer without them  
that I thought I would ask you to  
give me the address and allow me  
to use your name so that I could  
get them cheap. I would be ever so  
much obliged to you if you would  
I would like to get them before  
Christmas. My love to the children  
and yourself and hoping that you  
are all well. I remain yours as ever

Alice

Menlo Park N. J.  
Dec 14<sup>th</sup> 1885

Eugene P. Stelwell

*Mrs. Stelwell*  
wrote to Mr. Edison  
that she had her bill  
made out I might send  
it to Mr. Edison. I did so  
but received no reply; last  
week, as we were greatly  
needing money, I sent a  
duplicate bill, but as yet  
no answer.  
N. J.  
Dec. 14, 1885.  
Dear Mrs. Stelwell:  
A short time after  
Eugenie came home  
she told me  
that when she had her bill  
made out I might send  
it to Mr. Edison. I did so  
but received no reply; last  
week, as we were greatly  
needing money, I sent a  
duplicate bill, but as yet

have heard nothing. Will  
you be kind enough to look  
into the matter. I know that  
Mr. Edison is a man of a  
great business, and that  
the bill has doubtless been  
overlooked. As I do not  
want to disturb Eugenie  
with questions I write to  
you. We are in great  
need of the money and  
immediately.

Hoping you will pardon me for  
bothering you, and awaiting your reply,  
I am, Very truly yours,  
Samuel S. Parsons.

Massachusetts Park

Dec. 18<sup>th</sup> 1888.

Mr. Inval

Dear Sir

Will you please send the  
money to Miss Parson ~~the~~  
she sent the bill to Mr Edison  
she sent it two weeks ago  
She is very much in need of  
it as she has so very few pupils  
Mr Edison said he would  
send it as soon as the bill  
came but he <sup>has</sup> have forgotten  
it. It was sent to his office  
at 11<sup>th</sup>.

Yours

Mrs M. Stilwell

Wentworth Park, N. Y.  
Dec 21<sup>st</sup> 1885

Mr Insoul

Dear Sir

I have not received my  
check. I thought best to  
let you know

Wm M Stilwell

1815  
France, Paris Dec. 24<sup>th</sup> Respected friend — I wrote you last from Amsterdam — We  
left these Amphibious people and went to Antwerp — Saw the wonderful pictures  
Remains of the battle of Waterloo — Your father protests yet that it was not a  
picture at all but reality — The perspective is so perfect that we could see the  
surroundings for miles — then went to Brussels from thence to Braine D'Inde  
Took a guide went to the field and from a mound 206 feet high erected on  
the Centre of the British line had the different positions of the respective armies  
pointed out — Saw where Wellington stood where Napoleon stood where Picton Gordon  
and Ponsonby were killed and the last charge under Ney — We examined the whole  
as military strategists and came to the conclusion that had your father and me  
had command of the French armies we should have whipped Wellington  
preparatory to thrashing the Prussians — But unfortunately we was not there  
— We are now in Paris have seen the Wonders of the Louvre the Champs  
The Tomb of Napoleon and Museum after Museum till we have nearly lost  
our senses — We have much to see yet in Paris — We shall leave for Italy  
The land of song of Dante of Tasso of Petrarca and Ariosto and if we  
should have an interview with the Pope your father suggests that he be  
deputed to convey and pronounce Absolution upon father Paulus of Port  
Huon — I will write you again shortly

I remain yours truly

T. A. Edson Esq<sup>r</sup>

Edw. Symington

James Lynington

19 LC 21-1886

New York Dec 24 1885

John & Theo.

I send you by Express  
today an electric shocking coil, which  
one of the boys in the laboratory made  
from old material. The two wire  
clamping posts marked H are for  
the two handles. The other two are  
for the wires that lead to the  
battery. by turning the handle  
the electric circuit is broken and  
closed rapidly on the little wheel  
where the ivory pieces are set in.  
Be sure the spring that presses  
on the surface of the wheel

does not get pulled away so it  
doesn't touch the surface at times  
You will notice a screw, whereby  
the pressure on this spring may  
be regulated. The wheel should  
be turned about 200 times per  
minute for a black cat and  
199  $\frac{1}{2}$  for a cat with a sanguine  
temperment. You will notice  
that in the center of the opool  
containing the wire there is a  
rod made up of very fine wires  
by pulling this out, the strength  
of the shock is greatly diminished  
and its strength increases as  
you gradually shove the rod

into the coil,  
I send you one cell of battery  
also a supply of Bichromate  
of potash to make the battery  
fluid with, ...  
place the Zinc in the glass cell.  
fill the cell with water so it comes  
within  $\frac{3}{4}$  inch of the top of the  
Zinc. Then put the Carbon rod  
in the earthenware cell and  
fill it with the red fluid then  
put this cell in the water within  
the ~~mound~~ Zinc. Then pour  
into the water surrounding the  
Zinc an amount of sulphuric  
acid equal to 5 thumb full  
Then the battery is ready for  
business

To make the red fluid,  
get a glass or earthenware  
Crock - (denture metal) and  
put into this about 2 quarts  
of water and two double handfuls  
of the red material which  
must be pounded up as fine  
as wheat, then pour into  
this  $\frac{1}{2}$  pint of Sulphuric acid  
which you can get at the  
drug store, then stir it well  
with a wooden stick until  
the liquid is very red, Be  
sure in pouring the sulphuric  
acid that you do not let any  
of it spatter into your Eyes

I think your Brother Robert  
understands Batteries and he  
will doubtlessly show you how  
to make the fluid etc.

This coil is very powerful. I tried  
it on a Dutch Carpenter today  
and it knocked him down  
instantly. but didn't hurt him  
This was when the rod was  
in the coil and with 2 cells  
of battery. so there is no danger  
from one cell, It will shock

25 persons joining hands and  
make a cat knock off the plastering  
I sent you on the 22<sup>d</sup> a telescope  
which shows the rings of Saturn  
etc, it is not too large for land  
views & I hope it will suit you

I also ordered Messrs Bunnell  
& Co to send you a pair of  
Telegraph instruments with  
battery and wire so you can  
set up a complete telegraph  
line from one part of the  
house to the other and learn  
to telegraph, Hoping you  
will have a merry Christmas  
and not watch me and Mina  
so closely when I come  
again I remain as with  
the most distinguished  
Consideration Yours Truly

J A Cresson

DREXEL, MORGAN & CO.,

NEW YORK,

DEC 24 1886

188

Mr. J. A. Edison

65 Fifth Avenue

Dear Sir:

We beg to advise you that

Sam<sup>l</sup> Edison

has drawn

under our Travelling Credit

*Tifty*

Pounds Sterling, for which please hand us your check in settlement as  
per memorandum at Foot, and oblige,

Yours very truly,



DREXEL, MORGAN & CO.

Paid £ 50

Commission, 1%

Interest, etc.,

*490/2*

\$ 245.25

2.45

1.53

\$ 249.03

**1885. Edison, T.A. - Suppliers (D-85-015) [not filmed]**

This folder contains correspondence and other documents relating to suppliers of equipment and materials for Edison and his companies.

1885. Edison, T.A. - Unsolicited Inquiries (D-85-016) [not filmed]

This folder contains unsolicited correspondence requesting agencies for Edison's inventions, inquiring about the purchase or cost of his inventions, or asking for other information about his inventions.

**1885. Edison, T.A. - Visitors (D-85-017) [not filmed]**

This folder contains routine letters of introduction and requests to visit Edison. Letters that received a significant response by Edison, or that were written by individuals associated with Edison, are filed in their appropriate subject folders.

**1885. Electric Light - General (D-85-018)**

This folder contains correspondence and other documents relating to the commercial introduction of the electric light and to technical aspects of electric lighting and power, such as the design of lamps and generators and the materials to be used as filaments.

All the documents have been filmed.

F. B. Beach  
Jan 26, 1885

OFFICE OF THE

*Scientific American,*

MUNN & CO., Editors and Proprietors.

O. D. MUNN,  
A. E. BEACH,

No. 261 Broadway.

New York, Jan 6, 1885.

Thos. A. Edison Esq

Dear Sir,

Mr C. W. Dean

of our Amateur Photo  
Society of which I am  
Pres. tells me you were  
to get up for him a  
small cost - a standard  
incandescent Edison lamp  
+ galvanometer. He has  
had a box made for

holding the lamp and what I wish to know is whether you are waiting for it. The light is to be the same as that for Prof. Barker. We are delayed in carrying on our experiments for the want of it. I expected it would be ready long before this. Will you advise me whether I can see you about it Thurs. morn & at what hour, would like it to be early if convenient

I was very agreeably surprised at the com-  
petence with which Mr Johnson had held his horse fitted up and at the freedom from jar or noise of the machine in the cellar. Certainly a steady improvement has been made since the first preliminary experiments at Menlo Park 4 years ago. If you are in need of the book I will send it over by express. Very Respy  
T. B. B. 361 Broadway

## THE METROPOLITAN TELEPHONE AND TELEGRAPH COMPANY,

CORNER OF GREENWICH AND LIBERTY STREETS,

NEW YORK

1885

Thomas Edison &amp;

65, 5<sup>th</sup> Ave -

My dear Sir

I would very much like  
to have one of your small Electric  
Lights. to be worn on a cranet, or  
scarf - Can you in the greatness  
of your heart & "kind acquaintance"  
take for me one. I thereby receive  
the thanks of yours very truly

Edward Brown

Washington January 14. 1885  
Thomas A. Edison Esq.

10 65 - Fifth Avenue New York  
Dear Sir:

It may interest you to know  
that the Municipal Government of this  
City continues to trifle with the  
subject of lighting the streets & public  
buildings. Instead of purchasing  
a suitable plant, in a business like  
way, they permit all sorts of trifling  
experiments with arc lights mounted  
on the Washington Monument, the dome  
of the Capitol & on gallows frames  
in public squares. The City streets  
are quite disgusted with such  
mismanagement & so express themselves  
as you will see by Copies sent.

with this.

In the course of time the  
Senate & House Committee, in  
Congress, on Public Building &  
Grounds will take up the  
subject. Those two Committees  
have supreme Control of the subject  
and when they take it up  
I hope they will adopt your  
system without trifling.

Up to the present time  
the subject has been taken up  
by subordinate org.

Yours very truly

S. S. Lane,

1313 - F. St. N.W.

P. S. Have you heard anything  
from Capt A. P. Binkins the

Portuguese Officer who was  
here some time ago, looking  
into the subject of electric lighting,  
and to whom I introduced from  
Mr Consul who came to  
Washington to see him.?

S. S. L.

The Society of Amateur Photographers of New York.

F. C. Beach, Pres.  
C. W. Crawford, Sec.  
121 Broadway.

New York, Jan 29 1885

Mrs. A. Edison Esq

Dear Sir,

I was talking with a gentleman last evening at our meeting about electric lights, he said he went over to West College & carried on a long series of experiments. Concerning galvanometers he could not get two to read alike & the battery was very uncertain. I assured him that you thought it could be done and I only mention this as ~~proof~~ <sup>one</sup> of the difficulties to be considered. I hope you are still working & get our light in order & will let me know as soon as

you have it right.

Very truly

J. C. Beach

Jan 27 - 1885

361 Broadway

Cambridge  
Feb. 7 1885

My dear Mr Edison-

I have received the lamp  
with the enclosed Thomas electric  
junction together with two  
other Thomas electric junctions  
and I desire to thank you  
for your great kindness  
in having them made so  
beautifully & so promptly-

Very sincerely yours

J. H. Pomeroy

UNITED STATES UNIVERSITY

U. S. Signal Service

Washington, D.C.  
Feb. 14 1885

Thos A Edison Esq  
65 Fifth Avenue  
N. Y.

My dear Sir.

I rec<sup>d</sup> a  
day or two ago a box containing  
some lamps - with extra Platinum pole  
- for which I think I am indebted  
to your kindness - and I hope you  
will accept my thanks for same.  
Will you please direct that one of  
your Catalogues (Beckmann & Co's?) be  
sent to my address. I hope to be able  
to order some instruments soon - although  
just now I have no funds at my disposal.  
There is a probability however that the ~~amount~~  
appropriate will now under consideration will

just now in letter chapter -

Some months ago - perhaps - in Oct/Dec.  
last - I wrote you concerning the  
possibility of copper plating some carbon  
buttons - on the two faces - and you kindly  
offered to have some prepared for me.  
I am very anxious to complete the  
investigation of the Carbon buttons - and  
as soon as possible as the subject is  
attracting attention - I may need the copper  
plate - experiment to finally dispose of  
it. The button may be large and thicker  
than those ordinarily made - if it  
will under the process of plating any  
easier. Will kindly inform me if  
any thing has been done in connection  
with the matter - and whether you could  
send me a few buttons soon.

+ Grately Resp -

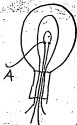
Yours faithfully

T. C. Mendenhall.

Cambridge March 30, 1883

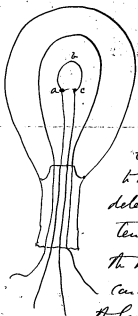
My dear Sir

I have already become  
so much your debtor by the  
receipt of the lamp that I  
hesitate to ask another from  
so soon. I do not know  
where I can get the following  
apparatus constructed except  
through you - The thermo



electric arrangement you  
placed inside one of your  
lamps for me. It did not start  
enough - and I wish to ask  
if you could have a very  
fine strip of platinum or  
steel placed as the center of  
one of your 16 candle power lamps.

My idea is to get the temperature  
inside the lamp by the principle  
of change of resistance of this  
thin platinum wire or strip.



a b c

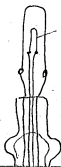
I wish to have  
in this way  
a check upon  
a standard of  
light. Hoping  
to be able to  
determine the  
temperature at  
the normal the  
candle power of  
the lamp is measured.

The platinum wire should be  
very fine between a and c

Hoping that I am  
not asking too great a  
favor -

Yours sincerely,  
John F. Rowbridge

Thomas A. Edison Esq.



fine platinum wire  
1000 - John Ott  
or Martin has it  
make it  $\frac{1}{2}$  or  
 $\frac{3}{4}$  inch long  
Make 3 have 1 pos  
Send to Rowbridge

CASE SCHOOL OF APPLIED SCIENCE.

CLEVELAND, O. *Apr. 28,* 188*5*

Dear Sir,

The lamps you  
kindly sent arrived safely.  
Many thanks for same, as also  
for the hints in your letter.

Very truly yours  
Albert A. Michelson

Mr. T. A. Edison  
65 Fifth Ave  
New York.



(Engraving from)

# University of Missouri.

SAMUEL B. LAWR, PRESIDENT OF THE UNIVERSITY.  
J. O. JONES, SECRETARY OF FACULTY.  
J. H. DRUMMOND, LIBRARIAN AND PRINTER.  
JAB. S. ROLLINS, PRESIDENT BOARD OF CURATORS.  
R. L. TODD, SECRETARY OF BOARD OF CURATORS.  
R. B. PRICE, TREASURER OF BOARD OF CURATORS.

AN Executive Committee of the Board of Curators: JAS. S. BLAIR, CH., JNO. S. CLARK and W. T. DUTTLE.

Columbia, Boone Co., Mo. May 23 1885

Mr. Thos. A. Edison,  
Meads Park, N.J.

My Dear Sir:- You are now putting in the Edison light & I would like very much to see Mr. Edison himself present on the grand occasion of the first illumination of a great University, perhaps in America, certainly the first west of the Mississippi River, with that light.

You will see from the enclosed circular that our Commencement next week will be one of extraordinary interest. There never has been an occasion giving you so good an opportunity to form the acquaintance of a select company of distinguished men in the West. Mr. Bayard, Pres. Cleveland, Sec. of State will accompany our Hon. Governor (who is present) W. A. D. News, allow me to assure you, my dear Sir, as cordial invitations to be with us.

Yours friend  
S. H. News



Adams House,  
No. 553 Washington Street,

Boston, June 5 1885

Genl. Hall, of Portland, Me.

Dear Edison,

The light at the  
Ticket Office of the B. & N. R. R. was  
put in by the American Electric  
& Illuminating Co. for Thomson &  
Houston. The people at the  
office of the Depot did not know  
whose light it is, and as the  
office of the Illuminating Co.,  
they either would not or could  
not give me further information  
but perhaps from the above  
you may know the Invention.

Faithfully Yours,  
J. W. Sappan



THE WORLD'S LIGHT OF THE WORLD.

W. U. MASTERS, President & Treasurer

W. H. BOULTON, Vice Pres. & General Manager

# The Boulton Carbon Company,

OFFICE & WORKS, WILSON AVE.  
HEART L. S. & W. S. R.R.

Cleveland, O. June 18 1885

Thomas A. Edison  
New York,

You have evidently not operated  
with it in the proper manner  
as one of my assistants made

Carbons in a hand press with  
which burned against a regular Carbon  
of equal size. Lasted for longer -  
your experiment was

We made carbons as  
per your suggestion, by the use of <sup>ecor-</sup>  
<sup>ice</sup> as a binder with powdered  
petroleum coke. We found difficulty  
in getting the mixture to adhere, after  
being put under a pressure of 350  
tons. We think the increasing of this  
pressure would not have helped  
any. After carbonizing we found  
that the carbons made with this com-  
bination burned in the lamps very  
poorly, blazing, sputtering and  
giving off sparks to an unusual  
extent.

Can you make us any further  
suggestions? We shall take particular  
care to operate in conformity to any ideas  
you may give us on this subject.

Yours Respectfully, The Boulton Carbon Co.

The Woods College  
Greenwich  
G. Brown & Owen

COALBURG COAL AND COKE COMPANY,

Office General Agent and Cashier.

A. B. Johnston,  
Supt. and Gen'l Mgt.  
L. P. Wolf,  
Cashier

Birmingham, Ala., June 24<sup>th</sup> 1885.

Mr. Thos. A. Edison,

Menlo Park, N.J.,

Dear sir:-

Has Electricity ever been used to any practical extent in heat producing for any distance from the source of generation of the electricity?

No

Has it ever been used for the practical fusing of Metals, such as in Blast Furnaces, for making Iron from the Ore?

yes  
small scale

Do you consider it practicable to use electricity in that way?

Hardly

What amount of power is utilized from transmission of electricity ten (10) miles over proper conductors?

@ 60  
50 per cent

Please send me a catalogue of the generators you make with the amount of power they will generate, and convey 10 miles and showing the amount of heat they will produce.

Commonly

Very truly yours,

A. B. Johnston  
L. P. Wolf

Require considerable  
Calculation



W. U. MASTERS, President & Treasurer

W. H. BOULTON, Vice Pres't & General Manager

*The Boulton Carbon Company,*  
Cleveland, O.

BRUCE BUILDING, WILSON AVE.  
Cleveland, U.S. & M. S. P. R.

July 8th, 1885

Mr. Thos. A. Edison,  
65 Fifth Ave., New York.

Dear Sir:

We have your letter of July 8th; and note what you say about the success had by one of your assistants. We beg to say that we will follow out your suggestions, and will immediately make further experiments in the same direction.

Yours Truly,

The Boulton Carbon Co.

By

*W. U. Masters,*  
#1  
Pres't.

DEAN & WESTBROOK  
Bridge Engineers and Contractors,  
92 LIBERTY STREET,  
NEW YORK.

July 20, 1885.

Thos. A. Edison,

Care of Bergman & Co.

292 Avenue B, New York.

Dear Sir;

I wrote you last week with regard to  
to the Standard Light Plate Testing Machine,  
asking how soon you could duplicate the one  
furnished to the Society of Amateur Photogra-  
phers, and at what price. Please let me hear  
from you as soon as possible, and oblige

Yours truly;

*C. W. Dean*

# POLAR OIL COMPANY,

116 BROADWAY.  
REMOVED TO  
Broadway & Beaver St.

New York, Sept 21<sup>st</sup> 1885

Prof Thos Edison

Dear Sir

We are using your system of electric lighting through our works at Constructa Hook N.Y. In our building when we wish to work at night the rooms are frequently full of gaseous and explosive vapors. We have the incandescent lamps in this building but have not used them fearing danger of equiting the gas. Notwithstanding the Edison Co have guaranteed safety. The object of this letter is to get your individual opinion as to whether we would be entirely safe in using the lamps above mentioned in the rooms referred to.

As it is a matter of considerable importance to us may we ask a reply at your earliest convenience. If you wish any further information regarding location of lamps or and desire it the writer will call on you at any time and place you may prefer.

Truly Yours,  
P. C. Gray, Mgr.

# POLAR OIL COMPANY.

If the gases are explosive like Coal gas  
 with air I should be afraid that the  
 little spark which occurs when the lamp is turned  
 off and on by the cock would explode it - but  
 if no cock sockets are used and ~~the~~ all the  
 lamps turned on and off together from a  
 switch outside the room - and the lamps  
 were not allowed to shake loose in the  
 socket I cannot imagine how an  
 explosion could occur I at least  
 would be willing to work in such a  
 room - If it is only gas like vapor

Edison

EDWARD H. COFF,  
Gen'l Manager.

H.W. BURGETT,  
Gen'l Agent.

WM H. BAKER,  
Sole House.

*American Electric Manufacturing Co.*  
*Western Union Telegraph Co. Building,*  
Corner 23rd St and 5th Avenue,

*American System  
of Electric Lighting.*

*New York,*

Nov. 24th. 1885.

*1885*

My dear Sir:-

I enclose herewith copy of a letter which I have this day addressed to our newly appointed Western Manager, Mr. S.S. Baggar of Chicago, in answer to a series of letters and telegrams from him, and others, informing me of the circulation of vile and slanderous reports by Mr. Barton of the Thomson-Houston Electric Co. of Boston, regarding the American Co. and myself.

You are no doubt aware of my faithful service in introducing the T-H system to the American and Canadian public, as well as the large amount of apparatus purchased from the T-H Co., all of which I have paid them for, notwithstanding we are carrying many thousands of dollars in value of their apparatus which we have not received pay for.

Since we concluded to abandon the use of the Thomson-Houston, for a system which I believe has superior merits. Mr. Barton has very suddenly discovered that the American Company and its President are a very wicked lot of people, and for months has busied himself in circulating the most vile and wicked slander.

A long telegram received from Chicago today, asks me to secure letters from Banks and other reliable sources to refute this mass calumnious.

This I would not do under any circumstances, but have

EDWARD H. GIFF,  
*Genl. Mgr.*

H. W. BURGETT,  
*Genl. Agent*

W. H. BAKER,  
*Super. Inspr.*

*American Electric Manufacturing Co.*  
*Western Union Telegraph Co. Building,*  
Corner 23rd St. and 5th Avenue,

*American System  
of Electric Lighting.*

*New York,*

*1889*

taken the liberty of asking Mr. Badger and his friends to write  
to a list of gentlemen with whom I am acquainted, and many of  
whom I have had more or less business relations with.

I write this to tell you why I have given your name as  
a reference, and should you receive an enquiry from this source, I  
trust you will do me the favor of answering same as you may think  
the case fairly deserves.

Sincerely yours,

*Mrs. Edw. L. Giff*  
*65 Fifth Avenue*  
*New York City*

*Edward H. Giff*

Nov. 23rd.

1885.

S.S. Badger, Esq.,

Pullman Building,

Chicago, Ill.

My dear Sir:

Your telegram of last night, informing me of the second batch of infamous slanders put into circulation, in Chicago and Milwaukee by Mr. Silas A. Barton General Manager of the Thomson-Houston Electric Co. of Boston, regarding the American Company, and myself, personally is received; and I note your request for me to send you letters from some Bank, or other reliable sources, to refute his statements, a few of which I understand briefly to be as follows:

- 1.-American Company entirely irresponsible, without assets or credit.
- 2.-American Company has no rights to use its name, which is the property of the Thomson-Houston Company.
- 3.-The President of the American is entirely unreliable, and untrustworthy.
- 4.-American Company about to wind up its business, and that its President is preparing secretly to run away to Europe, never to return.
- 5.-That the Directors of the American Company are very respectable men, but that they state openly, that had they known what an awful and unreliable man I am, they never would have allowed their names to be used as Directors of the American Company, and now are only waiting a favorable opportunity to withdraw from it, &c., &c.

And many other vile and equally slanderous charges, which Mr. Barton failed to discover while I was actively engaged in building up a business and reputation for the Thomson-Houston system, and

the T-H system, and adopted the Fuller-Wood system.

In answer I would say; I must respectfully decline from considering myself, or the American Company on trial, under such infamous slanders, as perpetrated by Mr. Barton, whose Company will be immediately called upon by our Attorney to substantiate his slanderous statements.

If you or your friends have any doubts, or anxiety regarding the business methods, or integrity of the American Company, or myself, you can write to all or any of the following representative businessmen, all of whom stand fully as high in the Commercial World as Mr. Barton, or any member of his Company; and nearly all of whom have had more or less business relation with us and known me personally, viz:

|  |                  |
|--|------------------|
| Hon. Hugh O'Brien, Mayor of Boston,                                | Boston, Mass.    |
| Isaac Fenno, of Isaac Fenno & Co.                                  | " "              |
| A. F. Upton, Pres. & Gen. Man. Jarvis Engineering Co.              | " "              |
| J. H. Cunningham, Treas. Cunningham Iron Works,                    | " "              |
| Hon. D. W. Gooch, Ex-Congressman,                                  | " "              |
| Sam'l Sias, Secy. Brush Electric Light Company,                    | " "              |
| Col. Chas. W. Taylor, Gen. Man. Boston Daily Globe,                | " "              |
| Mr. Humphrey, Treas. Daily Traveller,                              | " "              |
| Hon. Theo. C. Bates, Director City National Bank, Worcester, Mass. |                  |
| Chas. B. Whiting & Co., Bankers,                                   | " "              |
| Thos. H. Rogers, Director City National Bank.                      | " "              |
| Stephen Salisbury, Pres. Worcester National Bank.                  | " "              |
| Hon. Samuel Hildreth, Ex-Mayor,                                    | " "              |
| Hon. C. Howard, Ex-Governor,                                       | Providence, R.I. |
| Mess. H.C. Cranston & Co. Bankers,                                 | " "              |
| " Harnden J. Perry, & Co. "  | " "              |

|   |          |                  |
|---|----------|------------------|
| Mess. Spencer Trask & Co.   | Bankers, | Providence, R.I. |
| Arlington & Sims Engine Co.                                       | "        | "                |
| Hon. H.S. Hyde, Pres. Agawam National Bank,                       |          | Springfield Mass |
| Hon. L. J. Powers, Ex-Mayor,                                      | "        | "                |
| C. A. Nichols, Director Agawam National Bank,                     | "        | "                |
| Thos. O. Enders, Pres. United States Bank.                        |          | Hartford, Conn.  |
| A.C. Burhan, Pres. Hartford, El.Lt.Co. (T-H system)               | "        | "                |
| Wm. H. Goodrich, Proprietor "Hartford Current"                    | "        | "                |
| Col. Sperry,  | "        | "                |
| Chas. H. Dustin, Gen. Man. Schuyler El. Lt. Co.                   | "        | "                |
| H. P. Frost, Gen. Man. Southern N.E. Tel. Tel. Co.                |          | New Haven, Conn. |
| Edward H. Johnson, President Edison Electric Light Company        |          |                  |
| No. 63 Fifth Avenue, New York.                                    |          |                  |
| A. R. Brewer, Secy. Western Union Tel. Co.                        |          | New York.        |
| A. P. Chandler, of the Mackay-Bennett Telegraph Combination,      |          |                  |
| No. 137 Broadway, New York.                                       |          |                  |
| John N. Powell, Gen. Man. Brush-Swan El. Lt. Co.                  |          | New York.        |
| E. A. Myles, Treas. Portland Savings Bank,                        |          | Portland, Me.    |
| Hon. Franklin J. Hollins, Ex-Collector U.S. Internal Revenue, and |          |                  |
| President Consolidated El.Lt.Co                                   |          | Portland, Me.    |

You may also refer to Mr. Chas. A. Coffin Vice-President of  
 Thomson-Houston Electric Co., 131 Devonshire St. Boston, Mass. and  
 if you can get a letter from him corroborating Mr. Bartons state-  
 ment I will give you \$1000 cash for same on presentation.

Yours Respectfully,

Edward H. Coff,

President.



T. A. POKER &amp; S.

5,000,000-4-9-83

## The Baltimore and Ohio Telegraph Company

This Company TRANSMITS and DELIVERS telegrams only on conditions limiting the liability, which have been accepted to by the sender of the following telegram. Services guaranteed against only by repeating telegram back to the sending station for comparison, and the Company will not be liable for errors or delays in transmission or delivery of telegrams, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within thirty days after sending the message.

This is an UNREPEATED TELEGRAM, and is delivered by request of the sender, under the conditions named above.

D. H. Hayes, President and Gen'l Manager,

J. E. Ballou, Gen'l Supt.,  
Chicago, Ill.

R. A. Tappan, Supt.,

New York City,  
C. Ballou, Supt.,  
Baltimore, Md.

New, Legation, Supt.

New Orleans, La.,  
David Hall, Supt.,  
Galveston, Tex.

| NUMBER | RECEIVED BY | CHECK |
|--------|-------------|-------|
| 46     | J.          | 36    |

Dated Portland Me Rec'd at Portland Me

Thomas A. Colligan 12/1 1885-  
65 - 5th Ave

Please look up full particulars  
of the London gas company you  
were telling me of and also give me  
the general gas statistics of the  
country. I want them for a good  
purpose in New York tomorrow  
Edmund G. Loff.

American Electric Manf. Co.  
Western Union Telegraph Building,  
Cor. Fifth, Ninth and 2nd West.

New York, Dec. 4<sup>th</sup> 1886

My dear Mr. Edison

Your extremely kind & generous  
reply to my Western Union regarding  
Gas Meters, and saying your interest  
place your labors at the disposal  
of a Representative of the Co. for that  
in view for which accept thanks.

His. Will introduce Mr  
Thos Greenwood Committee with our  
Company. - Please Sir. Give me  
the information you can on the subject  
also about the French Gas Co  
who have issued Robertson Patent  
upon various Gas Meters in the  
United Kingdom, and make as  
much success of it. - As this  
has a direct bearing upon my  
plans of operations I want the  
as a sort of contribution  
enclosed that my plan is sound  
Thos A. Wilson Esq. Director of Gas  
65 Fifth Avenue  
8141  
Wm. C. Kellogg

Philadelphia  
12/29/85

Thos. A. Edison Esq

Dear Sir,

In  
answer to yours of the 26th  
I will say that we have  
but two sizes of photos of  
New Orleans Exposition  
Plant. They are both iden-  
tical as to view & show the  
plant in a full front view.  
A number of them were made  
for a gentleman named  
Brillaby - & one named  
Steininger. You have surely

seen a copy of the negative  
& can certainly judge from  
that as we have but the  
two sizes & both are alike.  
Let us have your order as  
soon as possible, please.

Yours &c  
Edward Malcom  
J. D.

**1885. Electric Light - Ansonia Brass & Copper Company (D-85-019)**

This folder contains documents relating to Edison's dealings with the Ansonia Brass & Copper Company, which supplied the copper wiring and tubing for the construction of Edison central stations.

Only one document -- a statement of account with the Thomas A. Edison Construction Department, dated August 31, 1885 -- has been filmed. Many of the other documents concern problems involved in collecting the money owed by various local illuminating companies. There are also numerous routine orders for wire.

## Monthly Statement

New York Aug 31, 1885

Mr. Thos. A. Edison, Constructive  
Co. 5<sup>th</sup> Av. N.Y.C.To Ansonia Brass & Copper Co. Dr.  
Term Cash No. 19 Cliff StreetTo Cash rendered  
" Allice

|                            |  |               |
|----------------------------|--|---------------|
| Invoices                   |  |               |
| June to December 1883      |  | 4165.37       |
| Jan'y " June 1884          |  | 6454.89       |
| July " Dec.                |  | 1149.30       |
| Interim Jan'y to June 1885 |  | <u>259.44</u> |
|                            |  | 49546.60      |

|          |               |                |          |
|----------|---------------|----------------|----------|
| Aug 2/83 | Notes         | 5391.84        |          |
| Oct 3    | " (3)         | 14949.28       |          |
| Nov 31   | Cash F. River | 3718.63        |          |
| Dec 29   | " Tiffin      | 1409.88        |          |
| Oct 20   | Notes Cal     | 3112.83        |          |
| Feb 20   | Cash          | 250.00         |          |
| Mar 11   | Notes         | 1935.69        |          |
| " 28     | "             | 250.00         |          |
| " "      | Cash          | <u>2637.99</u> | 38156.18 |
|          |               |                | 11390.42 |

24 allowance for Aug 6 Nov. 83

Under set of

Interim May 28<sup>th</sup>Since June 1<sup>st</sup> 1885

|  |  |              |             |
|--|--|--------------|-------------|
|  |  | 1562         |             |
|  |  | 469.66       |             |
|  |  | 67.84        | 2101.06     |
|  |  | <u>67.84</u> | 9289.36     |
|  |  |              | 10446.80    |
|  |  |              | 10446.80    |
|  |  |              | 2289.36     |
|  |  |              | <u>5159</u> |
|  |  |              | 1           |

## Monthly Statement

New York Aug 31, 1885

Mr. Thos. A. Edison, Constructive  
65 5<sup>th</sup> Av. Sept.To Ansonia Brass & Copper Co. Dr.  
Term Cash No. 10 Cliff Street

| To Amos & Co. rendered                     |               |             |    |              |    |
|--|---------------|-------------|----|--------------|----|
| " Misc.                                    |               |             |    |              |    |
| Invoices                                   |               |             |    |              |    |
| June to December 1883                      |               |             |    | 4165         | 37 |
| Jan'y " June 1884                          |               |             |    | 6454         | 89 |
| July " Dec.                                |               |             |    | 1145         | 30 |
| Interst Jan'y to June 1885                 |               |             |    | 259          | 04 |
|  |               |             |    | <u>11954</u> | 60 |
| By   |               |             |    |              |    |
| Aug 28 <sup>th</sup>                       | Notes         | 5391        | 84 |              |    |
| Oct 3                                      | " (3)         | 14949       | 28 |              |    |
| Oct 31                                     | Cash F. River | 3718        | 65 |              |    |
| Jan'y 29                                   | " J. J. J. J. | 1409        | 88 |              |    |
| Feb 20                                     | Note Co.      | 3112        | 83 |              |    |
| Mar 20                                     | Cash          | 2500        |    |              |    |
| Mar 11                                     | Notes         | 1935        | 69 |              |    |
| " 28                                       |               | 2500        |    |              |    |
| " "  | Cash          | <u>2637</u> | 99 | 38156        | 18 |
|  |               |             |    | <u>11390</u> | 42 |
| 2 & allowance for Aug 6 <sup>th</sup> 1885 |               |             |    |              |    |
|  |               | 1562        |    |              |    |
| Index ret'd                                |               | 469         | 66 |              |    |
| " "  |               |             | 56 |              |    |
| Interst May 28 <sup>th</sup>               |               | 67          | 82 | 2101         | 06 |
| June June 1 <sup>st</sup> 1885             |               |             |    | 9289         | 36 |
|  |               |             |    | <u>425</u>   |    |
| <del>10000</del>                           |               |             |    | <u>4544</u>  | 80 |
| M 2-1000                                   |               |             |    | <u>1857</u>  | 82 |
|  |               |             |    | <u>2352</u>  | 34 |
|  |               |             |    | <u>7289</u>  | 36 |
|  |               |             |    | <u>9521</u>  | 59 |

1885. Electric Light - Armington & Sims (D-85-020)

This folder contains correspondence relating to Edison's financial dealings with Armington & Sims, manufacturers of steam engines for Edison central stations. Much of the correspondence is by Theodore Andrews, secretary of the company, and by Gardiner C. Sims, general manager.

All the documents have been filmed.



HENRY HOWARD, President.  
JOHN W. DANIELSON, Vice President.  
PARDON ARMINGTON, Treasurer.  
H. C. GRANSTON, Asst. Treasurer.  
GARDNER C. SIMS, Gen. Manager.  
THEODORE ANDREWS, Secretary.

CABLE ADDRESS,  
ARMINGSIMS,  
PROVIDENCE.

PROVIDENCE, R. I., *Aug 7* 188*5*

Dear Jan

Mr Sims sent me your letter referring to Borton & the offer made him by Hampson. — I have conferred with H. C. Granston on the subject & think that if Borton will call on them they will now make a satisfactory arrangement with him. —

Yrs  
*th*



WORKS AT  
540 HIGH STREET.

HENRY HOWARD, PRESIDENT.  
JOHN W. DANIELSON, VICE PRESIDENT.  
FREDERICK ARMINGTON, TREASURER.  
H. G. CRANSTON, ASST. TREASURER.  
GARDNER C. EMM, GEN. MANAGER.  
THEODORE ANDREWS, SECRETARY.

CABLE ADDRESS,  
ARMINGSIMS,  
PROVIDENCE.

PROVIDENCE, R. I., *February 2* 1885.

*Samuel Ingersoll, Esq.  
New York City.  
Dear Sir,*

*We write to ask your attention to the Accounts of Mr. Thos. A. Edison and the Edison Machine Works as rendered by us on the 31<sup>st</sup> ultimo. The former commenced in July and continued through December, while the latter of the latter was furnished in August, 1884.*

*We have tried to be very patient in waiting for a settlement, though sadly in need of the money. We hope that you can make it convenient to remit at once, as the 4<sup>th</sup> inst. is our "pay-day," and the amount of these two accounts will be a great help to us at that time. Again asking your kind and prompt attention and hoping for a favorable response, we remain,*

*Yours very truly,  
Armington & Sons Engineers.  
Theodore Andrews  
Sigs*

WORKS AT  
548 HIGH STREET.



HENRY HOWARD, PRESIDENT.  
PARSON ARMINGTON, TREASURER.  
H. C. CRANSTON, ASST. TREASURER.  
GARDNER C. SIMS, SUPERINTENDENT.  
THEODORE ANDREWS, SECRETARY.

M. F. MOORE,  
AGENT,  
No. 15 WEST STREET,  
NEW YORK.

PROVIDENCE, R. I., Feb. 9th. 1885

Dear Sam

I have just returned having  
been away two months traveling nearly 5000 miles.  
I was very anxious to find that you had not  
made your promise good to our Co. by paying  
the bill of Mr. Edison. and that we were  
obliged to get a note discounted to carry  
us along. I have told our people to day  
that I hoped ~~it~~ <sup>the bill</sup> would be paid and would  
ask you to wire us tomorrow concerning it  
as we must have more money and do  
not want to put out another note. So please  
send us some word by wire ~~of~~ tomorrow  
and oblige

Sincerely Yours  
Sims



WORKS AT  
646 HIGH STREET.

HENRY HOWARD, President.  
JOHN W. DANIELSON, Vice President.  
PARDON ARMINGTON, Treasurer.  
H. S. CRANSTON, Asst. Treasurer.  
GARDINER C. SIMS, Gen. Manager.  
THEODORE ANDREWS, Secretary.

CABLE ADDRESS,  
ARMINGSIMS,  
PROVIDENCE.

PROVIDENCE, R. I., Feb. 13<sup>th</sup>. 1885

Thomas A. Edison Esq.  
65 Fifth Avenue N.Y.

Dear Sir  
Your favor of the 12<sup>th</sup> inst. received.  
It is satisfactory and we await your  
pleasure.

When you feel like sending us a  
four months note with the privilege of  
renewal, do so, dating the note the  
day you send it, taking no notice  
of time that has passed.

Respectfully Yours  
Gardiner C. Sims



WORKS AT  
545 HIGH STREET.

HENRY HOWARD, President.  
JOHN W. DANIELSON, Vice President.  
PARSON ARMINGTON, TREASURER.  
H. C. CRANSTON, Asst. Treasurer.  
GARDNER C. SMITH, CHM. MANAGER.  
THEODORE ANDREWS, SECRETARY.

CABLE ADDRESS,  
ARMINGSIMS,  
PROVIDENCE.

PROVIDENCE, R. I., February 17 1885

Thomas A. Edison, Esq.,  
New York City,  
Dear Sir,

We have the pleasure to acknowledge receipt of your favor of the 14<sup>th</sup> inst. together with your note for \$2890.<sup>00</sup> payable in four months from that date. This we accept, with the understanding that it may be renewed for a further period of three months if so desired by you. Enclosed with this we hand to you a receipt, and, with thanks, remain,

Yours very truly,  
Armington & Sims Engine Co.,  
Thos. Andrews.

Secy.



WORKS AT  
546 HIGH STREET.

HENRY HOWARD, President.  
JOHN W. DANIELSON, Vice President.  
PARDON ARMINGTON, Treasurer.  
H. C. GRANSTON, Asst. Treasurer.  
GARDNER C. SIMS, Gen. Manager.  
THEODORE ANDREWS, Secretary.

CABLE ADDRESS.  
ARMINGSIMS,  
PROVIDENCE.

PROVIDENCE, R. I., March 28 1885.

Thomas A. Edison, Esq.  
New York City.  
Dear Sir,

In a letter from our Mr. Sims dated New York City, Feb 27<sup>th</sup> he requests us to let you know when your note for \$2890.<sup>00</sup> due June 17, 1885, can be found.

This note is held by parties in this City, and we think that we can arrange an exchange with them on a basis such as proposed by you to Mr. Sims if you wish to do so within a few days. Please let us hear from you at once, and oblige us by always making checks, notes, or drafts payable to the order of Armington & Sims Engine Co.

Yours very truly,  
Armington & Sims Engine Co.

Theo. Andrews

Sing



WORKS AT  
548 HIGH STREET.

HENRY HOWARD, PRESIDENT.  
JOHN W. DANIELSON, VICE PRESIDENT.  
PARDON ARRINGTON, TREASURER.  
H. C. CRANSTON, ASST. TREASURER.  
GARDNER C. SIMS, GEN. MANAGER.  
THEODORE ANDREWS, SECRETARY.

CABLE ADDRESS.  
ARRINGSIMS,  
PROVIDENCE.

PROVIDENCE, R. I., *June 12* 1885.

*Thomas A. Edison, Esq.,  
New York City.  
Dear Sir,*

*Your favor of the 11<sup>th</sup> inst.  
has been received, also your Note for 2890.<sup>00</sup>/<sub>100</sub> payable  
three months from June 10, 1885, and your Check  
for 43.<sup>36</sup>/<sub>100</sub>. As your Note due on the 17<sup>th</sup> inst. has  
not yet been sent to New York City for collection  
we will pay it here at maturity, and send it  
to you, in exchange for the Note and Check  
received by us this day.*

*You would confer a favor by making all  
Notes and Checks sent to us payable to the  
order of Arrington & Sims Engine Co., which  
is the corporate name under which we now  
conduct our business.*

*We remain,*

*Yours very truly,  
Arrington & Sims Engine Co.  
Theo. Andrews.  
Simp*



U. S. PAT. 2, 77

## The Baltimore &amp; Ohio Telegraph Company

E. C. A. M. M. M. M.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assessed to by the sender of the following messages. Errors can be corrected instantly by repeating a message back to the sending station for correction, and the Company will not be liable for errors or delays in transmission or delivery of messages, beyond the amount of tolls paid thereon; nor is any case when the claim is not presented in writing within thirty days after sending the message.

This is a UNITED STATES MESSAGE, and is delivered by request of the sender, under the conditions named above.

D. H. Hayes, President and Gen'l Manager,  
New York City  
J. E. Hayes, Gen'l Sup't,  
Chicago, Ill.

E. A. Lanyon, Sup't,  
New York City  
C. Savage, Gen'l,  
Baltimore, Md.

Wm. Lanyon, Sup't,  
New Orleans, La.  
Dennis Hays, Sup't,  
Galveston, Tex.

| NUMBER                           | SENT BY | RECEIVED BY | CHECK                  |
|----------------------------------|---------|-------------|------------------------|
| 45                               | JM      | Re          | 3/10                   |
| Dated Prev A 217                 |         |             | Rec'd at NEW YORK CITY |
| To: Thos A Edison                |         |             | 6/17 188               |
| 65 75th av                       |         |             |                        |
| Henry C Ransom sent check money  |         |             |                        |
| to importers & traders bank to   |         |             |                        |
| pay rate. May they telegraph him |         |             |                        |
| that they have rec'd the check   |         |             |                        |
| Armington & Sons                 |         |             |                        |



WORKS AT  
546 HIGH STREET.

HENRY HOWARD, PRESIDENT.  
JOHN W. DANIELSON, VICE PRESIDENT.  
PARDON ARMINGTON, TREASURER.  
H. C. CRANSTON, MFG. MANAGER.  
GARDNER C. SIMS, CHIEF ENGINEER.  
THEODORE ANDREWS, SECRETARY.

CABLE ADDRESS.  
ARMINGSIMS,  
PROVIDENCE.

PROVIDENCE, R. I., June 17 1885.

Thomas A. Edison Esq.  
New York City.  
Dear Sir,

Your telegram of this date has been received, reading as follows: - "Note presented. Telegraph quick to Importers & Traders Bank New York to recall note. Answer." To this we replied: "Conny C. Cranston sent check Monday to Importers & Traders Bank to pay note. Today they telegraph him that they have received the check." This we now confirm.

Mr. Cranston keeps an account at the Importers & Traders Bank, New York and sent his own check for \$290.<sup>00</sup> to them on the 15<sup>th</sup> inst. asking them to pay your note due the 17<sup>th</sup> inst. and send the note to Providence. As the note was not here this morning, Mr. Cranston telegraphed to the Bank asking them if his check had been received, and obtained the reply that it had been received.

With the above explanation we think that you will readily see that the Bank is at fault in the matter. Sincerely regretting the occurrence we remain  
Yours very truly,  
Armington & Sons Engine Co.  
Theo. Andrews, Secy.



WORKS AT  
546 HIGH STREET.

HENRY HOWARD, PRESIDENT.  
JOHN W. DANIELSON, VICE PRESIDENT.  
PARSON ARMINGTON, TREASURER.  
H. C. GRANSTON, ASST. TREASURER.  
GARDNER C. SIMS, GEN. MANAGER.  
THEODORE ANDREWS, SECRETARY.

CABLE ADDRESS.  
ARMINGSIMS,  
PROVIDENCE.

PROVIDENCE, R. I., *June 18 1885.*

*Mrs. A. Edison, Esq.*

*No. 65 Fifth Avenue, New York City.*

*Dear Sir,*

*Enclosed herewith please find your note for \$2890.<sup>00</sup> which was due June 17/85 and which has been paid and cancelled. Again expressing our regrets that the note should have been presented to you for payment after the bank had acknowledged receipt of our remittance, we remain,*

*Yours very truly,*

*Armington & Sims Engine Co.*

*Theo. Andrews*

*Secy.*



WORKS AT  
646 HIGH STREET.

HENRY HOWARD, PRESIDENT.  
JOHN W. DANIELSON, VICE PRESIDENT.  
FREDSON ARMINGTON, TREASURER.  
H. G. GRANSTON, ASST. TREASURER.  
GARDINER C. SIMS, GEN. MANAGER.  
THEODORE ANDREWS, SECRETARY.

CABLE ADDRESS.  
ARMINGSIMS,  
PROVIDENCE.

PROVIDENCE, R. I., Sept. 8<sup>th</sup> 1885

Thomas A. Edison Esq.  
65 Fifth Avenue N. Y.

Dear Sir

We have put in your order, and tested  
your 8 1/2 x 10 engine No 20, shipped to Shanghai  
Per June 20<sup>th</sup> 1883. It has 48" driving pulley  
12 1/2" bore and runs 300 revolutions per minute.  
Its former speed was 350. We found the  
regulator weights placed down and several  
changes made. As business is now im-  
proving, the U. S. & L. Machine Works  
should place this engine for you if you  
desire to realize on it. We can put on  
new pulley is desired.

Respectfully Yours  
G. C. Sims



WORKS AT  
646 HIGH STREET.

HENRY HOWARD, President.  
JOHN W. DANIELSON, Vice President.  
FRISON ARMINGTON, Treasurer.  
H. C. CRANSTON, Asst. Treasurer.  
GARDINER C. SIMS, Gen. Manager.  
THEODORE ANDREWS, Secretary.

CABLE ADDRESS.  
ARMINGSIMS,  
PROVIDENCE.

PROVIDENCE, R. I., *Sept 8th* 1885

*Samuel Insull Esq.*  
*65 Fifth Avenue N.Y.*

Dear Sir  
Your favor of the 7th. inst. received.  
We will renew the note of Mr.  
Edison for sixty days as you request.  
Please send us new note, and  
check for interest.

Respectfully Yours  
G. C. Sims  
Genl. Manager



T. R. FORM 3.

5,000,000/10,000,000

## The Baltimore &amp; Ohio Telegraph Company

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assigned to by the sender of the following message. Errors can be regarded against only by repeating a message back to the sending station for comparison, and the Company will not be liable for errors or delays in transmission or delivery of OPERATING MESSAGES, beyond the amount of tolls paid therefor; nor in any case where the claim is not presented in writing within thirty days after sending the message.

This is an UNRESTRICTED MESSAGE, and is delivered by request of the sender, under the conditions named above.

D. H. Hayes, President and Gen'l Manager,  
New York City.

J. E. Zerkow, Gen'l Sup't,  
Chicago, Ill.

E. A. Loring, Sup't,  
New York City.

C. S. Loring, Sup't,  
Baltimore, Md.

Low, Loring, Sup't,  
New Orleans, La.

David Hall, Sup't,  
Galveston, Tex.

| RECEIVED                              | RECEIVED BY | CHECK             |
|---------------------------------------|-------------|-------------------|
| <i>83</i>                             | <i>SA</i>   | <i>11/15</i>      |
| From <i>R. D.</i>                     |             | 851 BROADWAY      |
| To <i>A. Edison</i>                   |             | <i>Sept 12/11</i> |
| <i>65</i>                             |             | <i>5" acc</i>     |
| <i>Your note is due tomorrow</i>      |             |                   |
| <i>Renewal note not yet received</i>  |             |                   |
| <i>Where is it answer immediately</i> |             |                   |
| <i>Armington &amp; Sons Eng Co</i>    |             |                   |
| <i>Note mailed 4th month to Lewis</i> |             |                   |
| <i>General manager</i>                |             |                   |



WORKS AT  
546 HIGH STREET.

HENRY HOWARD, PRESIDENT.  
JOHN W. DANIELSON, VICE PRESIDENT.  
PARSON ARMINGTON, TREASURER.  
H. C. CRANSTON, ASST. TREASURER.  
GARDNER C. SMITH, GEN. MANAGER.  
THEODORE ANDREWS, SECRETARY.

CABLE ADDRESS.  
ARMINGSIMS,  
PROVIDENCE.

PROVIDENCE, R. I., *Sept. 12* 1885

*Thomas A. Edison Esq.  
New York City.*

*Your Note for \$2890.00 Sept. 9.  
1885 - two months, and your Check for  
\$28.90 have both been received and placed  
to your credit. Your note for same  
amount maturing Sept. 10/13 has been  
paid by us and is herewith enclosed.  
Trusting all will prove satisfactory we  
remain*

*Yours very truly,  
Armington & Sons, Engine Co.  
Thos. Andrews.  
Sicily*



T. H. POWELL

# The Baltimore & Ohio Telegraph Company

5,000,000-4-9-88

This Company TRANSMITS and DELIVERS telegrams only on conditions limiting its liability which have been asserted to by the sender of the following telegrams. It reserves the right to suspend the transmission of telegrams back to the sending station for suspension, and the Company will not be liable for errors or delay in transmission or delivery of telegrams beyond the amount of tolls paid thereon, and the Company cases where the claim is not presented in writing within thirty days after sending the telegram.

D. H. Hayes, President and Gen'l Manager,  
New York City.  
J. E. Ketchum, Gen'l Supt.,  
Chicago, Ill.

E. A. Lacey, Supt.,  
New York City.  
C. Stevens, Supt.,  
Baltimore, Md.

Geo. Lacey, Supt.,  
New Orleans, La.  
Wm. Lacey, Supt.,  
Galveston, Tex.

| NUMBER   | SENT BY | RECEIVED BY | CHECK        |
|--|---------|-------------|--------------|
| 232  | na      | RD          |              |
| Dated From   |         | Rec'd at    | 861 BROADWAY |
| To Mrs A Edison  |         | 11/11       | 188          |
| Note payable at sixty for<br>fifth avenue probably now at<br>Importers & Readers Natl Bank |         |             |              |
| Armington Time Eng Co  |         |             |              |

Henry Howard, Post  
John H. Davidson, Vice Post

Barclay, Armstrong, & Sons,  
R.R. Croston, East Troy.

Andison, C. Bros., Chandler,  
Theodore Anderson, Secy.



Engineers  
ARMSTRONG & SONS - PROVIDENCE.

# Armstrong & Sons

ENGINE COMPANY.

Providence, Nov. 14<sup>th</sup> 1885

Samuel Howell, Esq  
New York

Dear Sam, I send you one of our new  
Catalogues and also copy of cover and the same to  
Weldon which please give him. I also enclose  
the "little girl"

Y<sup>rs</sup>  
Edwin Armstrong  
J<sup>r</sup>

**1885. Electric Light - Bergmann & Company (D-85-021)**

This folder contains correspondence, agreements, and other documents relating to the business of Bergmann & Company, New York City. The company produced electric lighting fixtures, sockets, and other devices used with the Edison system of electric lighting.

Approximately 70 percent of the documents have been filmed. The following categories of documents have not been filmed: routine correspondence relating to accounts; routine notices for meetings of the board of directors.

BERGMANN & CO.  
ELECTRICAL WORKS,

Painters and authorized Manufacturers of

EDISON ELECTRIC LIGHT FIXTURES & APPLIANCES,

Combination (Electric Light and Gas) Stoves a specialty.

DESIGNS AND ESTIMATES FURNISHED ON APPLICATION.

The Most Complete Facilities for all kinds of Electrical Work.

292, 294, 296 & 298 AVENUE B.

New York, Jan'y 2<sup>d</sup> 1885.

J. A. Edison Esq  
65-5<sup>th</sup> Ave  
City.

Dear Sir:

We would like you to  
furnish us with a special  
report on J. A. Cauchon & Co.  
# 209 Water St. City.

By complying with this request  
as soon as possible you will greatly  
oblige

Yours truly  
Bergmann & Co  
Fidel

Superior Court  
Of the City of New York

Alfred Knick  
Plaintiff  
Against  
Bergmann Company  
Defendant

The Defendant answers to the Complaint of the Plaintiff herein as a first defense. First, it admits that it is a corporation as alleged in Paragraph I of said Complaint. Second, Defendant admits that on or about the 27th day of March 1883 the Plaintiff accepted business from the inventor of a certain improved Electric Battery for which he had made application to the United States for Letters Patent, but whether Plaintiff was the first and original inventor thereof Defendant has no knowledge or information sufficient to form a belief.

Third, Defendant admits that on or about the 27th day of March 1883 a certain agreement in writing was entered into between the Plaintiff and said Bergmann and Company.

as alleged in the third paragraph of said  
Complaint, which agreement was in  
words & figures following to-wit:

(Here take in Agreement marked A)

Fourth. Defendant admits that on or  
about the 15<sup>th</sup> day of September 1883  
the Plaintiff (Andrew Bergmann and  
Company entered into a certain <sup>agreement</sup> ~~contract~~  
agreement in ~~the~~ writing as alleged in  
the fifth paragraph of Plaintiff's Complaint  
which agreement is in words & figures  
following, to-wit:

(Here take in Agreement marked B)

Fifth. Defendant admits that on the  
first day of March 1884 it entered into  
an agreement with Plaintiff as alleged  
in the fifth paragraph of Plaintiff's  
Complaint which agreement is in  
words & figures following to-wit:

(Here take in Agreement marked C)

81st. Defendant alleges that on or about  
the 1<sup>st</sup> day of March 1884, it entered into  
a certain other agreement with the  
Plaintiff relating to the general  
subject of a general as follows

(Stipulation in Agreement marked C)

Reverth. Defendant admits that it  
promised to manufacture and  
said batteries from time to time said  
Plaintiff royalties as occupied in the  
fifth paragraph of Plaintiff's Complaint.  
Defendant denies that by the terms  
of said contracts it was bound to  
render an account to Plaintiff on  
the 30<sup>th</sup> day of September 1884, or  
to pay the amount of royalty  
due at said date or that it has  
refused to render any statement to  
Plaintiff of the <sup>alleged to be</sup> royalties due to him  
on the 30<sup>th</sup> day of September 1884 or to  
pay said royalties but on the contrary  
that defendant alleges that it has  
always been and now willing to  
render any account required to be  
rendered Plaintiff under said contracts  
and willing and ready to pay <sup>again</sup>

on the 12<sup>th</sup> of October 1884

any sums due ~~thereunder~~ thereunder  
and defendant answers unto a  
Statement, marked Exhibit A, showing  
all royalties due plaintiffs  
wholly under plaintiff the sum  
of Seventy seven  $\frac{43}{100}$  dollars. The  
amount so due as aforesaid.

Eighth, Defendant denies that  
it has advertised & called the  
said batteries the Bergmann tele-  
phone ~~Batteries~~ Battery as alleged  
in said complaint and it denies  
that ~~by the true intent & meaning~~  
~~of said contract~~ ~~by said contract~~  
it became bound to manufacture  
sell said batteries or that it was  
in precluded from making  
& selling any similar battery  
as alleged in the fifth paragraph  
of said complaint; and it denies  
that it is manufacturing another  
battery similar to plaintiff's  
& selling the same whereby the  
royalty of plaintiff is greatly  
diminished ~~that~~ or that defendant  
has ~~threatened~~ threatened to sub-  
stitute another battery similar  
to plaintiff's in appearance and

Smith

efforts as alleged in said Complaint  
as that it acts in the premises  
in contrary to equity and good  
conscience as well as cause  
irreparable injury to plaintiff  
~~and~~ defendant alleges that  
it is simply engaged in the  
manufacture of <sup>sales</sup> Electrical  
Supplies and that it ~~is in~~  
~~with other manufacturers in its~~  
~~line of manufacture that various~~  
~~kinds of batteries are for various~~  
~~purposes~~ it is producer in  
Business Bergmann Company,  
a partnership, both before and  
during the lifetime of the Contracts  
aforesaid have sold manufac-  
tured and sold Batteries of various  
kinds used for Electrical purposes:

~~That there are a great variety~~  
~~of batteries used for the same similar~~  
~~purposes manufactured and sold by~~  
~~manufacturers of electrical supplies~~

That of such Batteries there are great  
varieties all used substantially for  
the same & similar purposes, differing  
among themselves in their construction  
& constituents but in the purpose  
of their use, and that defendant

Manufactures  
as a general manufacturer ~~Manufactures~~  
sells such Patterns as its Customers  
call for or desire, as it has a  
right to. And Defendant further  
says that if the allegations of  
plaintiff's Complaint are intended  
to mean that Defendant for  
the purpose of evading royalties  
is manufacturing & selling a  
battery which is an infringement  
of plaintiff's defendant denies  
the same, but if said allegation  
means that Defendant is manu-  
facturing or selling Patterns not  
an infringement of plaintiff's  
but capable of being used for the  
same or similar purposes then  
Defendant admits that it is so  
doing & alleges that it has always  
done so <sup>to the knowledge of plaintiff</sup> & has a perfect right  
in law & Equity so to do. & Defendant  
denies each & every allegation in said Complaint contained not  
hereinbefore admitted -

As a further separate & second defense  
defendant

- <sup>1st 2nd 3rd 4th 5th 6th 7th 8th 9th</sup>  
1. Sets out & alleges the allegations  
contained in the first defense  
and further alleges  
2. That the battery of plaintiff

did not prove satisfactory to its  
customers, and purchasers of the  
same refused to buy  
these & complained of them as an  
inferior article, in many instances  
returning said batteries to the Defendant,

That after manufacturing & selling  
a large number of said batteries  
Defendant ascertained that said  
~~batteries~~ <sup>They</sup> were not capable of  
competing in quality with other  
batteries in the market, and  
any ~~the~~ <sup>the</sup> ~~commission~~ falling off in the  
sale thereof is due solely to their  
inferiority & not to any action on the  
part of Defendant.

Wherefore Defendant prays judgment  
that the complaint of the plaintiff ~~as to~~  
~~the~~ ~~the~~ ~~batteries~~ ~~prayer~~ be dismissed  
with costs

John C. Tomlinson  
Attorney for Defendant  
Office & P.O. address 16 Broadway Street  
New York City

State of New York }  
City & County of New York } ss

Being duly

Sworn Depose and say, that  
he is of the County of New York &  
Company the Defendant before  
me about named; that he  
has read the foregoing certificate  
and that the same is true  
of his own knowledge & as  
as to those matters therein  
stated to be alleged as infor-  
mation thereof and as to those  
matters he believes it to be  
true

Given under my hand  
this 8th day of January 1885

City Court of New York

Edward Stein  
Plaintiff

vs

Bergmann Company  
Defendant

The Defendant, answering the Complaint of the Plaintiff, First, Admits the allegations contained in the first, second, third, fourth & fifth paragraphs of Plaintiff's Complaint

Secondly, Defendant assigned a sum of \$1000 to the Plaintiff under the agreement of record.

and provided further that it shall be optional with either of the parties hereto to terminate such payments. The party of the first <sup>part</sup> may at any time by notice in writing of 30 days given to the party of the second part terminate said payments & withdraw from all liability therefor. The party of the second part upon a like notice to the party of the first

To have right to terminate such address  
 upon their being so terminated.  
~~The said company shall further~~

Record - The party of the first part  
 shall keep the correct account  
 of all money expended by him  
 and set out before the 1<sup>st</sup> day  
 of ~~the~~ <sup>in each</sup> every  
 year he shall render a statement  
 thereof to the said party of the  
 2<sup>nd</sup> part upon the rendering of  
 such statement the said party  
 of the 2<sup>nd</sup> part shall assign  
 a person who assigned to the  
 party of the first part one share  
 of the Capital stock of said  
 Co for every sixty dollars thus  
 expended

(See)

BERGMANN & CO.  
ELECTRICAL WORKS,

Patentees and authorized Manufacturers of  
EDISON ELECTRIC LIGHT FIXTURES & APPLIANCES,

Grapholites (Electric Light and Gas) Fixtures a specialty.  
DESIGNS AND ESTIMATES FURNISHED ON APPLICATION.

The Most Complete Facilities for all kinds of Electrical Work.  
292, 294, 296 & 298 AVENUE B.

New York, Feb 12 1885  
T. A. Edison Esq - President  
65 Fifth Ave  
N.Y.

Dear Sir

A special meeting  
of the Directors of Bergmann  
& Company will be held  
at its office, above ad-  
dress, on Tuesday the  
19<sup>th</sup> inst at 2.45 P. M.  
for "Approving the action of  
the President in authorizing  
an increase of Mr. Bergmann's  
salary to \$5000<sup>00</sup> per  
annum". By order of the  
President, J. H. Klein Sr  
Secy -

(24)

GAUCHOIS F.A. & CO. — Coffee & Tea — NEW YORK CITY,

Advertise under date of March 20, 1885, formation of limited partnership, style of firm remaining the same, of which Frederick A. Gauchois and Justice L. Gauchois will be the general partners, and George E. W. Stivers special partner in the sum of \$5,000. Partnership to commence March 20, 1885, and to terminate March 20, 1887.

March 27, 1885.

B-10

BERGMANN & CO.  
ELECTRICAL WORKS.

PATENTED AND AUTHORIZED MANUFACTURERS OF  
EDISON ELECTRIC LIGHT FIXTURES & APPLIANCES.

Combination (Electric Light and Gas) fixtures a specialty.  
Designs and Estimates furnished on application. The Most Complete Facilities for all kinds of Electrical Work  
202, 204, 206 & 208 AVENUE B.

New York,

1885

Mr. S. Ingers

65-75th Ave. N.Y.

Dear Sir Kindly get me Broad-  
sheet Special report  
on Harry Oliver  
Theatre

N.Y. N.Y.

Obliged

Dagmont Co

THIS AGREEMENT, made the                      day of April, 1885, by and between the EDISON ELECTRIC LIGHT COMPANY, hereinafter called the LIGHT CO., of the first part; and the corporation of BERGMANN & COMPANY, of the second part; each being a corporation created and existing under the laws of the State of New York, and having its principal office in the City of New York:

WITNESSETH:

WHEREAS the Light Co. and Bergmann & Co. did enter into a certain agreement, under date of September 1st, 1884, the same being an instrument in fifteen sections with four exhibits attached, reference to which is now made for greater particularity; and

WHEREAS it is now desired to alter the said agreement, and the parties hereto are willing that it should be altered in the manner and to the extent hereinafter set forth;

NOW, THEREFORE, in consideration of the premises, and of the mutual promises herein made, it is hereby declared and agreed by and between the parties hereto as follows, that is to say:

FIRST.

The tenth section of the aforesaid contract between the Light Co. and Bergmann & Co., bearing date the first day of September, 1884, is hereby changed as follows, to wit: by adding an additional and separate paragraph at the end of the said tenth section, the same to be numbered as the fourth subdivision of said section, and to follow immediately after the third subdivision of the said section, the said additional paragraph be as follows, viz:

"(4) Bergmann & Co. will not, while this agreement lasts, manufacture  
"or supply, or assist or allow others to manufacture or supply, any *fixtures*  
"whatever, under the aforesaid patents and licenses already or hereafter ac-  
"quired by them, for or to any parties or corporations supplying or selling  
"or licensing others to supply or sell, or manufacturing or licensing others to  
"manufacture, anything connected with or appertaining to the use of electri-  
"city for illuminating purposes, other than for the Light Co. and for and to  
"its licensees; and Bergmann & Co. further agree that they will not, while  
"this agreement lasts, manufacture or supply, or assist and allow others so  
"to do, any *sockets* such as are now or may be hereafter used by the Light  
"Co. or its licensees, in connection with fixtures, or otherwise, for or to any  
"parties or corporations who may use, or may have agreed to use, or may  
"contemplate using, electricity for illuminating purposes, except under li-  
"cense of the Light Co.; and notice from the Light Co. that such use is  
"made or contemplated without license from the Light Co. shall be suffi-  
"cient evidence that such unlicensed use has been agreed to or contemplated,  
"it being the intent of this provision touching *sockets* to restrict their sale ex-  
"clusively to the purposes of the Light Co. and its licensees, and to enable  
"the Light Co. to control their sale; and the intent of the aforesaid provis-  
"ion regarding *fixtures* being, in general, to prevent their sale directly or in-  
"directly to any competitor of the Light Co. or its licensees; and Bergmann  
"& Co. hereby recognize the aforesaid intentions, and agree to abide there-  
"by, and will require like recognition and conformity from all their present  
"and future licensees, and will for their own part in good faith, and will re-

" require that their licensees shall in like good faith, perform and carry out the  
" provisions of this paragraph in such a way as to fully satisfy the intent  
" thereof."

#### SECOND.

WHEREAS the aforesaid agreement of September 1st, 1884, by and between the Light Co. and Bergmann & Co., provided that during the continuance of the said agreement Bergmann & Co. should have the exclusive right to manufacture certain articles set forth in a certain exhibit, to wit, *Exhibit D*, attached to the said agreement, and, more particularly, to manufacture motors and fan motors; and whereas, the Light Co. now desires to license a certain other corporation, to wit, the SPRAGUE ELECTRIC RAILWAY AND MOTOR COMPANY, to manufacture motors and fan motors, and is about to make a certain license agreement with the said Motor Co., to do so, a copy of the said license agreement being hereto annexed marked *Exhibit A*; and, whereas, Bergmann & Co. are willing that their exclusive license to manufacture motors and fan motors may be modified so as to allow the said Motor Co. to manufacture motors and fan motors, as appears by the said agreement, which Bergmann & Co. hereby approve, it is agreed as follows, viz.:

That the aforesaid agreement of September 1st, 1884, be and hereby is so far modified as to allow the Light Co. to enter in to the above-mentioned contract with the said Sprague Railway and Motor Co. the same being hereto attached, marked *Exhibit A*, as aforesaid, and that Bergmann & Co. will and hereby do approve of the said contract, and agree to give their assent, and hereby do give their assent to the execution of the same by the Light Co.

#### THIRD.

It is hereby agreed that nothing herein contained shall in any wise modify or affect the aforesaid contract between the Light Co. and Bergmann & Co., save and except as expressly set forth herein, and that in all other respects, save and except as may be expressly provided for in this instrument, the said contract shall remain in full force and effect in all respects the same as if this agreement had never been made.

IN WITNESS WHEREOF, the parties hereto have severally caused these presents to be executed by their officers thereto expressly authorized, and their respective corporate seals to be affixed and attested, at the City of New York, the day and year first above written.

BERGMANN & CO.  
ELECTRICAL WORKS,  
Patentees and authorized Manufacturers of  
EDISON ELECTRIC LIGHT FIXTURES AND APPLIANCES.

COMBINATION (Electric Light and Gas) FIXTURES A SPECIALTY.  
DESIGNS AND ESTIMATES FURNISHED ON APPLICATION.

The Most Complete Facilities for all kinds of Electrical Work.  
292, 294, 296 AND 298 AVENUE B,

*New York, June 1 1885*

Mr Edison I have a letter from  
Mr Bergmann dated May 18<sup>th</sup>  
Expressing his satisfaction at news  
of the printer order & stating that he  
was in the best of health and spirits  
and conveying his regards to you.

*Yours truly  
B. H. Klein*

BERGMANN & CO.  
ELECTRICAL WORKS,  
Patentees and Authorized Manufacturers of  
EDISON ELECTRIC LIGHT FIXTURES AND APPLIANCES,  
COMBINATION ELECTRIC LIGHT AND GAS FIXTURES A SPECIALTY.  
DESIGNS AND ESTIMATES FURNISHED ON APPLICATION.  
The Most Complete Facilities for all kinds of Electrical Work.  
292, 294, 296 AND 298 AVENUE B,

New York, Nov 20<sup>th</sup> 1885

Sam'l Insull Esq  
Secy. Ry. Fl. & Ill  
# 65- 5<sup>th</sup> Ave  
City

Dear Sir:  
We beg to call your attention  
to our ac rend for \$763<sup>1/2</sup>. which you promised  
to settle. We need money and as your  
ac is very much past due we request  
that you send check for same.

Yours truly  
Bergmann &  
Girdle

**1885. Electric Light - Edison Company for Isolated Lighting (D-85-022)**

This folder contains correspondence, agreements, and other documents relating to the business of the Edison Company for Isolated Lighting, which sold and installed small power plants for the lighting of single buildings. Much of the correspondence is by Frank S. Hastings, secretary of the company, and by Jonathan H. Vail, general superintendent. Included also are lists of isolated lighting plants and a cost estimate for a plant at Cornell University. Related material can be found in the Primary Printed Collection (Company Records Series) and in the Edison Company for Isolated Lighting Bulletins (Company Records Series).

Approximately 70 percent of the documents have been filmed. The following categories of documents have not been filmed: routine notices for meetings of the board of directors; routine intraoffice communications; accounts.

The Edison Company for Isolated Lighting.

SUPERINTENDENT'S OFFICE,  
ROOM No. 11.

65 FIFTH AVENUE.

New York,

Feb 6

1885

Mr Edison.

Have you any more Blue print  
maps of Up-town District, which  
you desire to present. If so will  
you please send them by express.

Yours Truly

J. H. Trail

# The Edison Company for Isolated Lighting.

65 Fifth Avenue,

New York, February 6th 1885.

W. F. Brewster, Esq.

City.

Dear Sir:-


The Committee have decided against conducting the South American business on the basis of your memoranda. I beg, therefore, to say that your proposition is declined.

Very truly yours,



Pres. & Gen. Man.

*The Edison*  
 Against my own judgment and at  
 your solicitation, I submitted to Mr.  
 Johnson a proposition on June 10th.  
 The above reply is what I rec'd.

*Respectfully*  


The Edison Company for Isolated Lighting

65 Fifth Avenue,

New York, March 23rd, 1885

Dear Sir:-

You are requested to attend a conference at the offices of this Company, No. 65 Fifth Ave., to-morrow, Tuesday, evening at 8 o'clock sharp.

SUBJECT. The formation of a syndicate of contractors and others for the purpose of starting a second Edison Illuminating station in vicinity of Madison Square, N. Y. City.

Very truly yours,

E. H. Johnson,

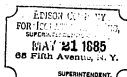
per Mc.C.

Dear Sir:-

In addition to the routine business of the Presidents  
Advisory Committee of the Edison Company for Isolated Lighting to  
be acted on this evening, the erection of an up-town station will  
be brought up for action. As an interested party, you are earnest-  
ly requested to be present.

April 14th, 1885.

W. Mc.Gowan.



May 21st.

PHILADELPHIA EXHIBITION, LAMP TEST.

| <u>Total hours run</u>     | <u>923</u> |
|----------------------------|------------|
| WESTON, broken             | 13         |
| Stanley, broken            | 17         |
| Woodhouse & Rawson, broken | all        |
| EDISON, broken             | 1          |

Now lot of Lamps set up.

|   |           |
|---|-----------|
| WESTON, - 10 paper carbon, 304 hours run,             | 2 broken  |
| Woodhouse & Rawson, - 10 new Lamps,<br>192 hours run, | 1 broken  |
| White, - 10 -"Sun" Lamps 168 hours run,               | 2 broken. |

LATEST REPORT OF LAMP TEST - PHILADELPHIA EXHIBITION.

MAY 25th. 1885. . 1045 HOURS.

|   |           |
|---|-----------|
| EDISON LAMPS BROKEN. -----  | 1         |
| WESTON LAMPS BROKEN. -----  | 17        |
| STANLEY LAMPS BROKEN. -----   | 19        |
| WOODHOUSE & RAWSON LAMPS BROKEN. -----                              | ALL.      |
| WESTON'S SECOND SET, 10 Set Up, 504 HOURS Run. -----                | 3 Broken. |
| WOODHOUSE & RAWSON'S Second Set, 10 Set Up,<br>321 Hours run. ----- | 6 Broken. |
| White, 10 SET UP, 288 HOURS RUN. -----                              | 3 Broken. |

THE EDISON COMPANY FOR ISOLATED LIGHTING.

Office, 81 Turner Building.

St. Louis, June 5th, 1885.

Thomas A. Edison Esq.  
65 5th Ave. New York City.

Dear Sir:- Gen Beauregard has enclosed the following letter to you in a letter which he requested me to read and forward to you. I dont know why he wished me to read it, unless it was that he wrote such a miserable hand that he was afraid you could not make it out I have therefore had a type-writer's copy made of the letter which I enclose with his letter, to save you the trouble of spelling out the original. Please give your attention to this, and as I do not suppose the invention to amount to much, answer it kindly and politely as he is a good friend of mine. He also regrets very much that he did not know that you were in New Orleans so that he might have paid you some attention. He could have made your visit very pleasant, because he treated me very handsomely.

Our opponents here must be very much demoralized; they are taking contracts where they can get them, for 50 per cent below our figures, and if they can not get them at those figures, they say to the parties that they will take the contract at what ever they can get.

Yours truly,

*W. Preston Hill*

THE EDISON COMPANY FOR ISOLATED LIGHTING,  
65 FIFTH AVENUE.

New York, 10<sup>th</sup> June 1885

Dear Sir:

A Special meeting of the Board  
of Directors of THE EDISON COMPANY FOR ISOLATED LIGHTING  
will be held at the office of Nesbit Morgan & Co  
on Thursday the 11<sup>th</sup> day of June  
1885 at 3:15 o'clock P.M.

By order

J. S. Hastings  
Secretary.  
S-100.

To consider proposed adjustment of  
unsettled matters between his Company  
and the Light Co, and such other  
matters as may come before the meeting.

## MEMORANDUM

The Edison Company for Isolated Lighting,

SUPERINTENDENT'S OFFICE,

ROOM No. 11,

85 FIFTH AVENUE.

New York, June 17th, 1885

Mr. Edison.

Dear Sir:-

Weston's "7 M" Dynamo - 160 Volts - 125 Amp.- 1050 Rev. - gave

89.5 per-cent commercial efficiency at full load. 84.35 per-cent

at one-quarter load : 89.35 per-cent at one-half load.

Their "G. W. I. " Dynamo gave 87.6 per-cent full load and sparked so badly that load had to be cut down to 80 amp. It was altered as 100 Amp. 120 volts. 1100 Rev.

Weston's No. 7 Incandescent Dynamo - full load 87.9 per-cent; three quarters load 90.3 per-cent; one-half load 89.6 per-cent; one-quarter load 84.2 per-cent; he was dissatisfied with result of full load, had it repeated and got 87.7 per-cent. Yours truly, *J.W. Hall*

CONTRACTS CLOSED BY THE EDISON CO. FOR ISOLATED LIGHTING DURING THE

MONTH OF JUNE, 1885.

| NAME & ADDRESS.  | SIZE<br>PLANT.                           | NUMBER<br>LAMPS. | PRICE.      |
|--|--|------------------|-------------|
| Engelke & Feiner,<br>St. Louis, Mo., Mill,<br>by W. P. Hix.....                          | No. 3.....                               | 75.....          | \$ 1,484.00 |
| W. S. Heger, Wilmington,<br>Del., Edge Moor<br>Iron Co., by John<br>Hoskin.....          | No. 1.....                               | 25.....          | 375.00      |
| Prof. H. Carmichael,<br>Bowdoin College,<br>Brunswick, Me., by<br>Paine & Stickney.....  | No. 1.....                               | 25.....          | 300.00      |
| Globe Printing Co.,<br>Toronto, Can., by<br>A. J. Lawson.....                            | No. 2. <sup>(dynamos)</sup><br>only..... | 50.....          | 425.00      |
| Rodman Manfg. Co.,<br>La Fayette, R.I., Mill,<br>by Ludlow & Cooke.....                  | No. 2.....                               | 50.....          | 1,000.00    |
| <del>Sturgis, Dean Richmond</del><br>and "Drew", by Benton<br>& Hughes.....              | No. 3 (Two).....                         | 150.....         | 4,400.00    |
| Pierre Chouteau, St.<br>Louis, Mo., Grand Opera<br>House, by W. P. Hix, wiring only..... | wiring only.....                         | 450.....         | 2,246.70    |
| Chemical Paper Co.,<br>Holyoke, Mass., Paper<br>Mill, by Paine & Stick-<br>ney.....      | No. 6.....                               | 150.....         | 3,000.00    |
| Northern Insane Asylum,<br>Traverse City, Mich.,<br>by J. R. Markle.....                 | No. 10, (Two).....                       | 500.....         | 8,659.70    |
| Michigan State's<br>Prison, Detroit, Mich.,<br>by J. R. Markle.....                      | No. 12.....                              | 300.....         |             |
| E. S. Jaffray & Co.,<br>350 Broadway, City.....  | No. 16 in exchange                       | for two ZB.      | 1,250.00    |

McKeenport  
ordered 16.00 ~~light~~  
on deviated basis

Johnstown not  
signed

Canadian bus closed  
R. B. G. Co. of C  
Sycamore Agency  
Royalty to this  
Co at 15% on selling  
price - no responsibility  
to us

Have had visit  
from Sanduski  
wants to write  
Memorandum by

Conference about  
middle July  
going to Chicago to  
close new contract  
for the insurance  
C. S. by in their  
territory with their  
own Capital  
Got and was  
from Baltimore before  
than \$2000  
\$3600 have advised

BTC

300 more Inok  
56 - got \$200 down  
can still discuss  
price for 1500.  
called code  
Bostons. BTC  
promises have  
done in  
at 10.00 with BTC  
K. T. J.  
H. J. J.

# The Edison Electric Light Company,

65 Fifth Avenue,

Edison Co. for Installation of

New York,

188

Plants sold September 1<sup>st</sup> to 30<sup>th</sup> 1885.

|     | Customer                | Address.                | Quantity | Lamps. | Agent            | Contract  |
|-----|-------------------------|-------------------------|----------|--------|------------------|-----------|
| 5.  | Central Milling Co.     | Albany N.Y.             | # 4      | 100    | Arthur D. Hughes | 1500. --  |
| 7   | M. Palmer               | Providence R.I.         | # 2      | 50     | Hartshorn        | 750. --   |
| 8   | Notre Dame University   | South Bend Ind.         | # 4      | 100.   | do.              | --        |
| 7   | Empire Mills            | Baltus Tex              | # 1      | 25     | Edwards          | 475. --   |
| 5.  | Geo. West               | Baltimore Md            | # 6      | 150.   | Arthur D. Hughes | 1850. --  |
| 11  | Kansas State Hospital   | Topeka Kas              | 2 # 10.  | 500    | Heise            | 12000. -- |
| 2   | Cap. Wm. Fairbridge     | 5155 Black St. Brooklyn | 1 # 10   | 250    | Arthur D. Hughes | 2650. --  |
| 9   | Bank & Ranges           | Richmond N.Y.           | 1 # 8.   | 50.    | do.              | 960. --   |
| 11. | Mini Linty & Publ. Co.  | Lockport N.Y.           | 1 # 6    | 25     | do.              | 540. --   |
| 14  | Lockport Journal        | do.                     | # 1.     | 25     | do.              | --        |
| 16  | Bates Manfg. Co.        | Leicester Ms.           | # 10     | 250.   | Edwin S. Jones   | 2750. --  |
| 21  | Givens and Bros         | Hamden Md               | 1 # 8.   | 60.    | Office           | 600. --   |
| 22  | R. H. Wolf & Co.        | Harlem                  | # 8      | 200.   | Arthur D. Hughes | 1825. --  |
| 26  | Minette Shade Cloth Co. | Minette N.Y.            | 1 # 8.   | 60.    | do.              | 850. --   |
| 28. | Panoram Co.             | N.Y.                    | # 10     | 250.   | Office           | --        |
| 29  | Eastern Herald          | Boston                  | # 12     | 150.   | Edwin S. Jones   | 1450. --  |
| 30. | Abraham W. Foster       | Brooklyn N.Y.           | # 10.    | 250    | Office           | 1640. --  |
|     |                         |                         |          | 2495.  |                  |           |

AC 104

37

THE EDISON COMPANY FOR ISOLATED LIGHTING,  
65 FIFTH AVENUE.

New York, 1<sup>st</sup> Oct 1885

Dear Sir:

A special meeting of the Board  
of Directors of THE EDISON COMPANY FOR ISOLATED LIGHTING

will be held at the office of *Drexel Morgan & Co*  
on *Friday* the *2<sup>nd</sup>* day of *October*  
1885 at *3 1/2* o'clock *P.*M.

By order

*J. S. Hastings*

Secretary.

*J. S. H.*

To consider proposed Boston  
Station, and such other business  
as may come before the meeting.

The Edison Company for Isolated Lighting,

65 FIFTH AVENUE,

NEW YORK.

My dear Edison

What do you advise

It looks like a mere  
paper matter & hardly  
worth sending Vail to  
look up? E. J. G.

Robert Graham  
with a  
our policy  
to let others  
know  
we have  
our  
own  
boy -

**SPECIAL NOTICE.** If any change is made affecting the specified details or arrangements for this plant, this estimate must be revised.

OFFICE OF THE GENERAL SUPERINTENDENT.

Edison Co. for Isolated Lighting.

65 Fifth Ave., New York, *Oct 6* 188*5*

Estimate for *Cornell University*

No. \_\_\_\_\_ Street.

City or Town of *Ithaca*

State of *N. Y.*

Specifications furnished by \_\_\_\_\_

**ESTIMATE.**

For *a 25 Light Plant*

Boiler.

Smoke Stack.

Engine.

Dynamo.

Lamps.

Fixtures.

For

Agent

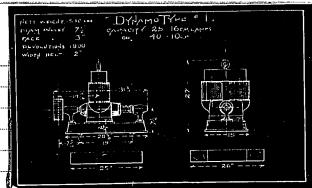
1884

**Installation Class.**

Plant to consist of:

- ~~Boiler~~
- ~~Engine~~
- ~~Countershaft~~
- 1* Dynamo Type. *#1*
- 25* 16 C. P. Lamps
- 10* C. P. Lamps
- 10* C. P. Lamps

Fixtures for *25* lamps as per list attached.



**Note. Estimates at List Prices.**

|                                 |               |
|---------------------------------|---------------|
| <i>1</i> Dynamo Type. <i>#1</i> | <i>175 00</i> |
| <del>Dynamo Foundation</del>    |               |
| <i>1</i> Dynamo Base Frame      | <i>3 25</i>   |
| <i>1</i> Dynamo Setting         | <i>2 50</i>   |
| <i>1</i> Hand Regulator         | <i>12 95</i>  |
| <del>Automatic Regulator</del>  |               |
| <i>1</i> Pressure Indicator     | <i>33 33</i>  |
| <i>25</i> 16 C. P. Lamps        | <i>12 50</i>  |
| <i>1</i> <i>Amp. Meter</i>      | <i>5 67</i>   |
| <del>C. P. Lamps</del>          |               |
| <i>25</i> Extra Lamps           | <i>12 50</i>  |
| <i>25</i> Key Sockets, Pol. B.  | <i>15 75</i>  |
| <del>Key Sockets, Pol. B.</del> |               |

AMOUNT CARRIED FORWARD,

*295 40*

AMOUNT BROUGHT FORWARD,

272 45

~~Key Sockets, Common~~  
~~Keyless Sockets, Common~~  
~~Sockets, Nickel or Silver Plated~~  
~~Extra Sockets~~

Materials. 12 lbs - #10 Wire  
 15 " - #14 "  
 8 " - #18 "  
 35 Lbs. Common Wire, at .24 8 40  
 Lbs. Plumber Wire, at  
 Ft. Lead Covered Wire, at  
 Ft. Rubber Covered Wire, at  
 3 Switches at average price of 1.70 each. 5 10  
 6 Cutouts, at #935 @ .36 2 16  
 " at  
 " at  
 25 Safety Plugs, at 78 1 75  
 500 Ft. Moulding, at 1.85 per hundred 9 25  
 Ft. Zinc Tubing, at  
 100 Cleats, at 60

Sundries.

3 gross - #8 x 1 3/4" screws }  
 4 " - #7 x 1 " " }  
 2 doz - #8 x 1 1/4" " }  
 1 lb. 1/4 lb. 1/8 lb. 2 lb. - #9 x 2 " "  
 1 lb. Tape; Solder; Salts; Screws,  
 3 doz. Nails and Rubber Tube. 4 00

EXTRA SUNDRIES.

Fixtures.

Common 1/2 pipe pendants; average ft. long, at  
 Finished " " " ft. long, at  
 Pliable Pendants, " ft. long, at  
 2 lb. Pendants, ~~pol. br.~~ pol. Bronze, at  
 6 3 lb. " #137 " " " at 12.76 76 56  
 4 lb. " " " " " at

AMOUNT CARRIED FORWARD,

384 29

AMOUNT BROUGHT FORWARD,

380 24

|   |   |    |
|---|---|----|
| 1 lt. attachments to Gas Fixtures                       |   |    |
| 5 1 lt. Brackets, <del>etc</del> plain polished. @ 1.12 | 5 | 60 |
| 2 lt. " " " "   |   |    |
| 2 1 lt. " single swing @ 1.29                           | 2 | 58 |
| 1 lt. " double swing                                    |   |    |

Describe other special fixtures or catalogue styles.

|  |   |         |
|--|---|---------|
| Metal Shades, No.  | ① |         |
| 23- <sup>4159</sup> Fine Porcelain Shades, 8 in. diameter, | ② | 20 4 60 |
| " " " "  | ③ |         |
| 2 Deep Porcelain Shades, 8 " "                             | ④ | 20 4 0  |
| Fancy Globes, Catalogue No.                                | ⑤ |         |
| 2 Shade Holders, No. 201                                   | ⑥ | 17 34   |
| 23 " " " 202,  | ⑦ | 16 3 68 |

Labor.

|             |         |
|-------------|---------|
| Foreman     | days at |
| Wiremen     | days at |
| Helpers     | days at |
| Instruction | days at |

Expenses.

|                                    |         |
|------------------------------------|---------|
| Railroad Fares New York and Return |         |
| Foreman's board                    | days at |
| Wiremen's board                    | days at |
| Engineer's Board,                  | days at |
| Incidentals.                       |         |

ESTIMATE MADE BY

TOTAL,

\$ 398 47

APPROVED,

1884.

Gen. Supt.

C33

# ESTIMATE FOR POWER.

|  |                     |                                       |                  |
|--|---------------------|---------------------------------------|------------------|
| Boiler   | _____ feet long,    | _____ inches diameter,                | _____ inch Tubes |
| All fittings to be supplied with boiler _____              |                     |                                       |                  |
| Boiler, cartage and handling _____                         |                     |                                       |                  |
| Boiler Setting _____                                       |                     |                                       |                  |
| Smoke Stack  | _____ inches area,  | _____ feet high                       |                  |
| "  | "                   | Connections                           |                  |
| "  | "                   | Foundation                            |                  |
| Engine Cylinder  | _____ inches diam.  | _____ inch stroke, with _____ driving |                  |
| Wheels   | _____ inches diam.  | _____ inches face                     |                  |
| Engine built by _____                                      |                     |                                       |                  |
| Weight and Cartage _____                                   |                     |                                       |                  |
| Engine Foundation complete _____                           |                     |                                       |                  |
| Labor setting Engine _____                                 |                     |                                       |                  |
| "  | "                   | Pump No.                              |                  |
| "  | "                   | Injector                              |                  |
| Feed Water Heater _____                                    |                     |                                       |                  |
| _____  | _____ feet belting, | _____ inches wide                     |                  |
| All steam, exhaust, blow-off and water pipe _____          |                     |                                       |                  |
| Connections between boiler, engine and injector _____      |                     |                                       |                  |
| Countershaft, per memo. and sketch attached herewith _____ |                     |                                       |                  |
| Labor putting up shaft _____                               |                     |                                       |                  |
| Freight and Cartage _____                                  |                     |                                       |                  |
|  |                     |                                       | TOTAL, _____     |
|  |                     |                                       |                  |
|  |                     |                                       |                  |
|  |                     |                                       |                  |
|  |                     |                                       |                  |

ESTIMATE MADE BY \_\_\_\_\_

Approved \_\_\_\_\_ 188

Gen. Supt.

THE EDISON COMPANY FOR ISOLATED LIGHTING,  
65 FIFTH AVENUE.New York, 12<sup>th</sup> Oct 1885

Dear Sir:

A special meeting of the Board  
of Directors of THE EDISON COMPANY FOR ISOLATED LIGHTING  
will be held at the office of Drexel Morgan & Co  
on Tuesday the 13<sup>th</sup> day of October  
1885 at 3.15 o'clock P.M.

By order

J. S. Hastings  
Secretary.  
Eds.

To discuss proposition for Boston  
Central Station, and any other  
business which may come before  
the meeting.

THE EDISON COMPANY FOR ISOLATED LIGHTING,  
65 FIFTH AVENUE.

New York, 6<sup>th</sup> Nov. 1885

Dear Sir:

A Special meeting of the Board  
of Directors of THE EDISON COMPANY FOR ISOLATED LIGHTING  
will be held at the office of Deuel Morgan & Co  
on Monday the 9<sup>th</sup> day of Nov  
1885 at 3<sup>15</sup> o'clock P.M.

By order

J. S. Hastings  
Secretary.  
JAS

To authorize the installation of  
Boston Central Station, and such  
other business &c. - It is ab-  
-solutely essential that a quorum  
be present in order that this op-  
-portunity shall not be lost.

The Edison Company for Isolated Lighting,  
65 FIFTH AVENUE.

NEW YORK, November 6th, 1885.

DEAR SIR :

The Annual Meeting of the Stockholders of the Edison Company for Isolated Lighting, for the Election of Eleven Trustees to serve for the ensuing year, and for the transaction of such other business as may come before the meeting, will be held at the offices of the Company, 65 Fifth Avenue, New York City, on Tuesday, November 17th, 1885, at 12 o'clock noon. The polls will be open at 12 o'clock noon, and remain open for the reception of votes until 1 o'clock P. M. Transfer books will be closed on the afternoon of Monday, November 9th, and re-open on Wednesday morning, the 18th instant.

I enclose herewith a blank form of proxy, which, if you are unable to attend the meeting, kindly sign in presence of a witness, and return to me at the above address.

By Order of the Board,

F. S. HASTINGS, *Secretary.*

THOMAS A. EDISON,  
NO. 65 FIFTH AVENUE.

NEW YORK, Nov 10 188

Samuel Insull Esq  
65 5th Ave  
NY

Dear Sir

I enclose a list of the  
betting we were engaged for Florida  
Mr Edison thinks the Insull Co may  
be able to furnish some at a fixed  
rate from their stock

Yours truly  
E. T. Gillip

Please let us know soon

Please address reply to the undersigned.

*Edison Company*  
*For Isolated Lighting.*  
*65 Fifth Avenue,*

GENERAL SUPERINTENDENT'S OFFICE  
ROOM No. 11.

*New York,* November 19th. 1885.

Thomas A. Edison Esq.

65, Fifth Avenue.

New York.

Dear Sir:-

I would like very much to get a set of plans and specifications of the Central Station in Berlin.

Mr. Upton suggests that they can be obtained if you will write for them. Will you kindly do me the favor of sending for them. I understand that it is a well constructed station, and the plans may have many valuable suggestions in them.

Yours respectfully,

*J. V. Mair*

Gen'l Supt.

The Edison Company for Isolated Lighting,

65 FIFTH AVENUE.

NEW YORK,

Nov. 28 1885

Edison

If this was B.T.C. I should  
have to raise them as  
it is your move it to me  
to take ~~some~~ <sup>some</sup> ~~company~~  
that will knock the  
delay silly - it is a

The Edison Company for Electric Lighting  
100 West 42nd Street New York City  
Critical ~~Edison~~ just now  
We must not suffer  
delay & trouble of this  
kind no matter what  
it costs us - I have ordered  
a no 10 machine & have  
put in the Plant ~~Edison~~

Eli. Light -  
Edison Co. for  
Isol etc & Lighting

Dec. 26, 1885

Circuit Court of the United States  
Southern Dist. of New York

United States Electric  
Lighting Co. et al  
vs  
Edison Company for  
Isolated Lighting } In Equity  
No. 3418

It is hereby agreed that the de-  
fendants time for filing their answer  
in the above entitled suit be extended  
to include the 30th day of December  
1885

Wm. A. Dineen  
N.Y. City Nov. 20 '85 - Atty. for Compt.

Above time further extended to include Jan. 30 '86

Dec. 26/85

Paul. A. Dineen  
Atty. for Compt.

The Edison Company for Isolated Lighting,

65 FIFTH AVENUE,

NEW YORK, .....188

Mr. Johnson  
Delays of machine  
works are raising the mischief  
with our work. We cannot  
fill orders  
Can they work  
nights?

JH

# THE EDISON COMPANY FOR ISOLATED LIGHTING,

OF NEW YORK.

W. PRESTON HIX

MISSOURI,  
KANSAS.

ATKINS  
MISSOURI

## ELECTRIC LIGHTING.

An Ordinance to be Presented To-Night to the House of Deputies to Abolish Gas-Lighting. It looks just now as if electricity were to be put in position with gas for street as well as private lighting, and that the question of gas monopolies may have at last received a settlement. The Edison Electric Light Company, a home institution, have prepared an ordinance to be submitted to the House of Delegates to-night for lighting our streets in a manner far superior and cheaper than that referred to by gas. They also offer certain consumers to make the ordinance should pass, light for \$1.25 equal to 1,000 feet of any street lamp of 25 candle-power for \$1.00 per annum; and of 60-candle-power for \$2.00. A central station will at once be established, and conductors have been already numbering over 1,000 lamps, current, the provision and power of electric lighting. The gas bill with 10 lights, which is contrasted for \$1.00 per month, while the gas bill was \$2.00. The district in prospect of lighting will be between Pure street, Franklin avenue, the Lavee and Twenty-first street. Forty candle-power will be tested at \$1 per month; 60-candle-power at \$2 per month, and 100-candle-power at \$3 per month. The probability of transmitting the incandescent light over great distances having now solved, a central station can be located at the bluffs in Illinois to transmit the current of thousands of miles to very remote sized consumers. Another article, only heretofore with the incandescent bulb, lay in the impossibility of making the light of the lamp uniform, and in the fact that the brightness of a lamp for street or private lighting would cause, and cause for the balance of the night in case only one lamp was employed. Street lamps have a lamp will furnish a continuous lighting, with only one light, having care in each street, which will automatically light in succession and independent wires for street lighting, the current of extinguishing and lighting the lamp will be completely abolished, already an enormous saving, compared with gas. The incandescent bulb, at the best, is a poor, life or duration of the lamp, at over 100 candle-power, perfecting the incandescent lamp for lighting and current from the Edison Company, have been thoroughly tested at the Southern and Central Street lighting system for the last three or four months.

Office, 81 TURNER BUILDING.

St. Louis,

188

Wake up Edison! You will get left!  
The Bluffs in Illinois are 5 miles away. but it's down hill, so the current will run easy  
Yours as ever  
Hix

1-3-1953

## THE EDISON INCANDESCENT ELECTRIC LIGHT.

The necessity for an artificial light, which is perfectly steady, which emits no noxious gases, which is practically without heat and which is without danger to life or property, has long been felt. The Edison System of Lighting fills all these exacting requirements, and is by far the most perfect system of artificial illumination at present in use.

### SAFETY TO LIFE.

It is popularly supposed that the use of the electric light is inseparable from danger to life, but this supposition is entirely erroneous, so far as the Edison System is concerned. Where currents of high pressure are used great care is requisite, but where currents of low pressure are employed, as in the case of the Edison System, no possible danger can arise, as if the naked wires themselves are grasped the current is scarcely perceptible to the touch.

### SAFETY FROM FIRE.

In addition to absolute safety to the person, the user of the Edison Incandescent Light enjoys a degree of immunity from fire which no other artificial form of illumination affords. The Edison Lamp emits so little heat that the most inflammable material may be brought in close contact with it without the slightest danger of such material becoming ignited. Should a lamp be broken from carelessness or accident, there is no possible chance of fire, as the incandescent filament contained in the globe is consumed the instant it is exposed to the influence of the atmosphere.

The Edison System is, moreover, replete with devices of every character to guard against danger from fire, in connection with the wiring, and this branch of the work has received as much attention from Mr. Edison, with a view of making it perfect, as the apparently more important of his inventions in connection with the system. As a proof of the completeness of detail in this respect wherever the Edison System is used, no fire has ever occurred which could be attributed to the electric light.

### PURITY OF ATMOSPHERE.

The Edison Light, as above stated, gives out so little heat (one-fifteenth of that given out by a standard gas jet) as to be practically without effect on the temperature of a room; it is entirely free from the noxious qualities of gas and oil, which are very prejudicial to the health, and it does not consume oxygen or otherwise vitiate the atmosphere. In fact, it combines the maximum of light with absolutely no impurities.

### WITHOUT INJURY TO THE EYESIGHT.

A light to be entirely without injury to the eyesight must be perfectly steady, and this quality has heretofore never been possessed by any form of artificial illumination. The Edison Light meets this requirement, and may be used in close proximity to the eyes without any injurious effect resulting therefrom.

THE EDISON CO. FOR ISOLATED LIGHTING, as the licensees under the patents of Mr. Thomas A. Edison, are prepared to tender for the installation of the Edison System of Lighting, by means of isolated plants, in all places where artificial illumination is required.

### UNDER THE PURCHASER'S CONTROL.

The plants installed by this Company are owned absolutely by the purchaser; the apparatus is entirely under his control, and operated by him without the need of any special technical

[CONTINUED ON THE NEXT FRAME]

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The Edison Co. for Isolated Lighting, as the licensees under the patents of Mr. Thomas A. Edison, are prepared to tender for the installation of the Edison System of Lighting by means of isolated plants, in all places where artificial illumination is required.

Under this Purchaser's Control.

The plants installed by this Company are owned absolutely by the purchaser; the apparatus is entirely under his control, and operated by him without the need of any special technical assistance. The Edison Co. for Isolated Lighting has installed in the United States... of such plants, aggregating upwards of... lamps, all of which are operated without any assistance whatever from them.

In the following pages will be found a description of the component parts of a plant, as installed by the Edison Co.

The lamp consists of a pear-shaped glass globe about four and a half inches in height, exhausted of air, and containing a filament of carbonized bamboo, slightly thicker than a horse hair, which, becoming incandescent by the passage of the current through it, emits a beautiful, soft, mellow light, absolutely steady, equaling the illuminating power of a gas jet of the best quality.

The lamp is placed in a receptacle known as the "socket," from which the lamp can be removed by merely unscrewing it. When a lamp becomes defective, it is but the work of a moment to remove it from the socket and replace it with a perfect one. The socket is provided with a key attachment, by means of which the light may be turned on or off. Each light is entirely independent of the other, but any number of them can be so arranged as to be controlled in groups by means of a switch. This performs the same function for a number of lamps as does the key in the socket for each individual lamp.

[CONTINUED FROM THE PRECEDING FRAME]

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4-6-1913

2

#### THE DYNAMO.

The electric current for the lamps is supplied by the dynamo, which consists of a powerful electro-magnet, between the poles of which another magnet revolves, the simple revolution of the one magnet in the immediate presence of the other, generating the electric current in the revolving one, from which it is disseminated through the conductive wires to the lamps. It requires no special attention, and but a few minutes daily will suffice to keep it in perfect running order.

Accompanying the dynamo is a regulator controlling the pressure of the current, with a view to keeping the intensity of the light normal. Where the motive power or number of lamps burning is constant, a regulator, operated by hand, is used, but where any considerable variation of speed or load may be expected, an automatic regulator is provided, which compensates automatically for any such variation.

In order to register the pressure given out by the dynamo machine, a pressure indicator is provided where no automatic regulator is used, and this performs exactly the same function, in connection with an Edison plant, as the steam gauge does in the case of a boiler. The indicator is connected across the circuit in the same manner as the lamp is connected, and indicates by means of a needle, attached to an electro magnet, and having a pointer which moves along the face of a graduated scale, and the variation in the position of which indicates whether the electric pressure, and, consequently, the candle power of the lamp, is too high or too low. The regulator has then to be operated accordingly to bring the pressure back to its normal intensity. Even pressure means not only even candle power, but also long life to the lamps. If the lamps are run at high candle power, that is at high pressure, their life will be short, whereas if they are run at their rated normal candle power, their life will average far beyond six hundred hours.

[CONTINUED ON THE NEXT FRAME]

#### MOTIVE POWER.

It is not by any means essential that special motive power should be provided for operating the Edison System. If a plant is installed in an industrial or other establishment, where power is available, the dynamo is usually connected by belting to any ordinary line of shafting, provided, however, the speed of such shafting is reasonably uniform. Where there is only boiler power available, and it is necessary to install an engine for the special purpose of operating the electrical plant, it is advisable that an engine should be chosen which is especially adapted to the requirements of the business. High speed engines, which govern closely and are belted, directly to the dynamo, without any intervening countershafts, are recommended by the Edison Company. A good constant water power is equally as satisfactory as steam, besides having the advantage of greatly reducing the amount of the running expenses of the plant.

#### STEAM HEATING BOILERS.

In many places boilers exist for the purpose of heating, and such boilers are frequently capable of developing steam at the pressure required by engines, though only used for the low pressure required for steam heating or other purposes. In such cases it will frequently be found unnecessary to provide special boiler power for the electric light plant.

#### WIRING.

The current is conveyed from the dynamo to the lamps by means of two copper wires, called the mains, which run parallel to each other. The lamps are connected directly across these mains, each lamp taking current from them entirely independent each of the others. Should none of the lamps be turned on, absolutely no current circulates through the mains, and the amount of current being taken from the dynamo at any time is in the direct proportion to the number of lamps.

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If the wires are overloaded, that is, used to convey more current than they are calculated to carry, the tendency is to cause them to become heated, and possibly to a dangerous degree. To avoid fire, possible from this cause, an automatic device, invented by Mr. Edison, is used, called "the safety catch," or "cut-out," which is inserted in both wires of the circuit at various points. The safety catch consists of a piece of metal, offering greater resistance to the passage of the current, and fusible at a much lower temperature than the copper conductors, and, consequently, should there be any trouble with the wires, which would lead to their becoming heated, the safety catch melts off. This immediately stops the flow of the current through the damaged portion of the circuit, thus absolutely eliminating the element of heating and averting all possible danger of fire.

#### ECONOMY.

Although possessing so many advantages over other forms of illumination, the field open for electric lighting would be limited were it not capable of demonstration, that as compared with gas the Edison System is far more economical in its operation, no matter whether the gas is obtained by means of the ordinary system of distribution, as in cities, or is produced on the premises of the consumer by special apparatus. In considering the economy of Electric System, it should be borne in mind that the whole illuminating power of the light is available under all conditions, that an Edison Lamp may be put in any position desired, with a view to taking the greatest possible advantage of the light it affords, whereas in the case of gas it is only possible to burn the jet in one position, and that currents of air do not affect it as in the case of all other forms of artificial illumination. If it is desired to invert an Edison Lamp, so as to concentrate the light on a given spot, this can be readily accomplished, whereas it is absolutely impossible to do so with gas. Under these circumstances, it is obvious that the effective illumination of an Edison Lamp is far greater than that of a gas jet, even if the candle power be the same, when the gas jet and lamp are placed in the ordinary manner.

[CONTINUED FROM THE PRECEDING FRAME]

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7-8-1953

Furthermore, the Edison Lamp, unlike gas, maintains its regular candle power up to the moment of the destruction of the carbon, whereas gas burners deteriorate to such an extent, that the ordinary five foot burner, which is supposed to give sixteen candles of light, will not average over twelve candles in actual practice. But, assuming for the purposes of comparison of economy, that the Edison Standard Lamp, and the standard five foot gas burner, have precisely the same illuminating power, and supposing that the horse power requisite to drive the dynamo, is already present, the cost per hour of running 100 Edison Lamps, of sixteen candle power each, is as follows:

|  |       |
|--|-------|
| 15 horse power (5 lbs. of coal per hour per horse power at \$5 per ton)..... | 8 .19 |
| Depreciation on machine, 3 per cent.....                                     | .01   |
| Depreciation on lamps.....   | .14   |
| Depreciation on brushes, cost of oil, &c.....                                | .03   |

-37

The hourly cost of running the same number of five-foot gas jets would be:

|   |       |
|---|-------|
| 100 gas jets, each burning five feet of gas per hour, or a total of 500 feet, at \$1.50 per 1,000 feet..... | 8 .75 |
|---|-------|

The saving by the use of the Edison Light over gas, under these circumstances, is shown to be 38 cents per hour of actual burning, the cost of gas being over twice as much as the Edison Light.

#### CAUTION.

The prospective purchaser of an Electric Light Plant will be approached by parties who will make all kinds of promises as to the advantages and economy of their system over that of the Edison Company. When considering such statements, it should be remembered that the policy of the Edison Company is to promise less than it can perform, and to be prepared at all times to substantiate such promises. Wherever such tests have been made by scientific or commercial organizations, the findings have invariably been more favorable than claimed by the Edison Company, and the

#### HIGHEST AWARDS

have invariably been given to the Edison system, as against all competitors, for economy and general superiority of the factor examined, and has presented it in a more favorable aspect than this Company has represented in its dealings with the public. As, for instance, at the Electrical Exhibitions of Paris and London, and the Industrial Exhibitions at Cincinnati and Louisville.

681

Is this all ?

4. - A. Best. Light History. Early articles

1885

Proof Article  
Written by  
Mrs Merrill.

1-4 = 1953

Add.

# TO MILL OWNERS AND MANUFACTURERS.

The special requirements of mills, factories and other industrial establishments, so far as lighting is concerned, is that the method of illumination chosen shall be of so thorough a character as to insure the turning out of as satisfactory work by night as by day; that the system used shall be as economical as possible; that it shall be sufficiently under control as to avoid all possible waste of light, and consequently useless expenditure of money; and that its use shall not be associated with danger of fire.

## PERFECT ILLUMINATION MEANS PERFECT WORK.

Owing to the fact that the Edison Light emits scarcely any heat; that operatives may work in close proximity to it, without suffering any injury therefrom; that it may be placed close to highly inflammable material, without danger, it is possible to so arrange the fixtures carrying the lamps as to focus the light thoroughly upon the work, and so obtain an illumination absolutely unattainable with any other system of lighting. This is extremely important in mills, where textile fabrics are produced.

[CONTINUED ON THE NEXT FRAME]

The difference between good and bad illumination, in mills running after dark, means the difference between turning out goods of first and second quality. In a mill badly lighted, the amount of second class goods produced is far greater than in a mill perfectly illuminated. Mr. C. J. H. Woodbury, in a paper on "Electric Lighting in Mills," read before the New England Cotton Manufacturers Association, October 25th, 1882, stated: "The aid to the production of perfect work by this improved illumination is a source of additional revenue, because the proportion of damaged goods usually made is thereby diminished."

It will consequently be seen from this that the use of the Edison Light in his mill enables the manufacturer to get a better average price for his products, owing to the better average quality of his work for the twenty-four hours.

In other branches of manufacturing, where it is necessary to distinguish different tints, it was formerly impossible to work at night, owing to the inability to detect varying shades by the colder means of illumination. But with the use of the Edison light, this difficulty is overcome, the goods may be turned out with equal facility by night as by day, and with an absolute certainty that varying tints can easily be detected. Mr. F. R. Clarke, Agent of the Pemberton Mills, Lawrence, Mass., writes: "We have now been using the Edison Light in our weaving room for over three months. \* \* \* We are lighting two looms making fancy colored goods, and our weavers are enabled to distinguish the different shades of color readily." On this point Mr. C. J. H. Woodbury states in his paper before quoted: "Where the use of shades of color is involved, electricity furnishes the only artificial light which can feasibly be used."

## UNHEALTHY OPERATIVES CHEAPEN PRODUCT.

To a manufacturer who runs his establishment at night, one great disadvantage is the effect of gas or oil upon the atmosphere. But the Edison Light, besides giving perfect illumination, emits no impurities to vitiate the atmosphere, or heat to raise its temperature. The night operatives, can, therefore, in this respect, have equal advantage with the day operatives—each performing their task under practically the same circumstances.

Unhealthy operatives are as incapable of doing their part of the work properly, as is an imperfect piece of machinery. It

great disadvantage is the effect of gas or oil upon the atmosphere. But the Edison Light, besides giving perfect illumination, emits no impurities to vitiate the atmosphere, or heat to raise its temperature. The night operatives, can, therefore, in this respect, have equal advantage with the day operatives—each performing their task under practically the same circumstances.

Unhealthy operatives are as incapable of doing their part of the work properly, as is an imperfect piece of machinery. It is therefore as important to the manufacturer that his operatives should be robust and healthy, as it is that his machinery should be in a thorough state of repair, his desire being to get the best results out of both. To achieve this, in the case of the night operative, it is essential that a system of illumination shall be used which does not affect the purity of the atmosphere or the evenness of its temperature. Messrs. Clark & Keen, of Philadelphia, referring to the Edison Light in their worsted mills, write: "Our operatives all like it, especially our night hands, as the air is pure to breathe, and unaccompanied by the drowsy feeling resulting from gas lighting formerly used in our mill." Messrs. Fins, Bacon, Erben & Co., of Philadelphia, referring to the Edison Light in their woollen mills, say: "The absence of heat and impure air, caused by gas burners, is very noticeable in its effect on the night operatives, who are better able to attend to their work in consequence."

#### REDUCED RUNNING EXPENSES.

We have shown that the use of the Edison Light will enable the manufacturer to turn out better goods, and, consequently, to get better prices; that mills producing goods of varying colors, can now run all night with the aid of the light, whereas it has been heretofore impossible to make the investment productive, except during the hours of daylight; and that night operatives render better service where the Edison system is adopted. These points might be urged, were it necessary to do so, in favor of the economy of the light to the manufacturer, as they are all of vital importance to him in the conduct of his business. But, entirely independent of these, the Edison system is by far the most economical form of artificial illumination at present in vogue. It should be borne in mind that no special assistance is required to operate an Edison plant; that after the instruction of a week or so, the engineer of a mill can run the plant as satisfactorily as a skilled electrician, and that the attention the engineer will have to give to it will occupy but a very small portion of his time daily. The dynamo is usually placed in the engine room, and obtains power from the same source as the mill machinery, and is therefore chargeable only with its proportion of the whole power. Add to this the interest on the plant, depreciation (which is very small), oil, waste, renewal of brushes and lamps, and the total running expenses are obtained. The lamps are guaranteed an average life of 600 hours of actual burning, and the dynamo is guaranteed to give sixteen candle power each, for each horse power applied to a dynamo.

[CONTINUED FROM THE PRECEDING FRAME]

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The following table giving the comparative cost of gas and electric light has been prepared on the assumption that a special engine and boiler will have to be installed to run the plant.

STATEMENT OF RUNNING EXPENSES FOR 16 CANDLE POWER  
EDISON LAMPS,  
AND COMPARISON WITH COST OF EQUIVALENT LIGHT WITH GAS.

| Year | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 |      |

Get from 200 Lights to 300 Lights per Day, figured at \$1.35 per Thousand.  
 Get from 300 Lights to 400 Lights per Day, figured at \$1.50 per Thousand.  
 The above Statement is made on basis of 10 hours per day, 300 days per year.

[CONTINUED ON THE NEXT FRAME]

The figures presented in the foregoing are fully borne out by those who use the Edison system. Messrs. Clark & Keen, after writing that they have "a much better light than with gas," state: "In addition to this, our saving from the use of "electricity on the Edison system, over our gas bills, will be "the first year repay the cost of your whole plant." That the Edison plants require but slight attention, and that the guarantees given as to amount of power consumed are correct, is testified to by Messrs. Fies, Banes, Erben & Co., of Philadelphia, who write: "The lighting of our mill has been such, that "we use it for all night work on our darkest goods (black "worsted yarns) with much satisfaction and with great "economy. We are at no extra cost for attendance, and one "ton of coal we find ample for 400 lamps, running 15 hours." The great economy of the Edison Light over gas is shown by the experience of Messrs. John B. Stetson & Co., of Philadelphia, who write: "From our late tests we find it to cost "us, as near as we can calculate, thirty-eight per cent. of what "gas would cost us at \$1.70 per 1,000 feet. The experience of Messrs. F. Shaw & Bro., manufacturers of sole leather, Kingman, Me., is that "The cost of running your light, compared with any other artificial light, is, in our opinion, a "great saving, and to us thus far the cost has been very small, "outside of the power (which is surplus), merely the oil and attention of one man, the machine sometimes running whole "nights without being touched." Mr. John Cochrane, Jr., of Medford, Mass., referring to the plant installed in his warranted mill at Malden, Mass., writes: "The cost of power attending "the lighting seems to be practically nothing, as I am unable "to detect any extra consumption of fuel. The general ease "of working of the plant and quality of light is fully up to my "expectations, and beyond your representations." The managers of the Davenport Mills, Fall River, Mass., writes, under date of November 10th, 1883: "A careful test by indicator made "on September 6th, with 312 lamps, and running 150 days to the

"lights without being touched." Mr. John Cochrane, Jr., of Medford, Mass., referring to the plant installed in his worsted mill at Malden, Mass., writes: "The cost of power attending the lighting seems to be practically nothing, as I am unable to detect any extra consumption of fuel. The general easy working of the plant and quality of light is fully up to my expectations, and beyond your representations." The manager of the Davol Mills, Fall River, Mass., writes, under date of November 20th, 1883: "A careful test by indicator made September 6th, with 312 lamps, and running *fully up to the candle power* of the lamps (16 c. p.), gave the amount of power used, 34.2 H. P., an average of 9.12 lamps per H. P. Our brushes and commutator are in excellent condition, and now look as if they might last for years. We are fully satisfied as to cost, quantity and quality of light." The Baltimore Twine & Net Co., Baltimore, Md., say, regarding the running of their plant: "We do not hesitate to say it costs about the same as though gas were furnished at 60 cents per 1,000 feet. In making the above estimate, we have reckoned the entire cost; the cost of power, depreciation of plant and interest on investment."

#### SAFETY AGAINST FIRE.

We have elsewhere referred to the electrical precautions taken to prevent any possibility of fire in connection with the system of wiring, and the purchaser of a plant has the further safeguard that all our work is done subject to the approval of the various Boards of Fire Underwriters throughout the United States, and, who have given more careful and special attention to the subject, than has been given by similar Boards in other countries. No fire has ever occurred which could be attributed to the Edison system, and we, therefore, feel confident in pronouncing it perfect in this respect. It is impossible for a fire to be caused by the Edison lamp, as experience has proved that even when a lighted lamp, covered with cotton or tissue paper saturated with kerosene, is suddenly broken, it is impossible to ignite the cotton or paper. The moment the glass globe is broken, the carbon filament is destroyed, and this extinction is so instantaneous, that no fire can occur. The risk attendant on the use of gas or oil, the constant apprehension that a fire may occur, often makes it impossible for manufacturers, where highly inflammable materials are used, to work after dark, but if the Edison system is adopted, work can proceed with equal safety by night as by day, as absolute immunity from all such danger is secured. In this connection we quote the Boston Chair Manufacturing Co., who write: "On account of the possible danger from fire in other methods of lighting, we have never used any artificial light at all, before using yours." In speaking of the Edison plant in the Sibley Mills, Augusta, Ga., the "Chronicle & Constitutionalist," of that city, says: "So safe is this system of illumination too, that a 'drop light' can be used about in the lint of the mill, and sawdust of the workshops, without danger." This confidence in the absolute safety of the light is still further shown by Messrs. W. Knabe & Co., piano manufacturers, Baltimore, Md., who write: "We are using 150 lights since last November in our Case Making Department, where we formerly permitted no light whatever, not wishing any risk from gas jets, or the use of matches in lighting same."

[CONTINUED FROM THE PRECEDING FRAME]

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m. t. c



**1885. Electric Light - Edison Electric Illuminating Companies -  
General (D-85-023)**

This folder contains correspondence, agreements, and other documents relating to the business of the local illuminating companies, primarily in Ohio, Pennsylvania, and Massachusetts. Much of the correspondence is by William Lloyd Garrison, Jr., treasurer of the Brockton, Mass. company, and by Archibald B. Stuart, secretary of the Ohio Edison Electric Installation Company. Many of the documents concern the settlement of accounts between the Thomas A. Edison Construction Department and the various illuminating companies.

Approximately 80 percent of the documents have been filmed. The following categories of documents have not been filmed: routine correspondence relating to accounts; duplicate copies of correspondence.

Wm. Schwenk,

Geo. Robertson,

J. Gish,

SCHWENK, ROBERTSON & Co.,

MINERS AND SHIPPERS OF

**Black : Diamond : Colliery : Coal,**

St. Charles, Pa., January 1<sup>st</sup> 1885.

Thomas A. Edison Esq  
65 Fifth Ave. N.Y.

Dear Sir:

At a meeting of the  
board of directors held this  
evening a committee was  
appointed to meet you at  
your office at any time  
next week it will suit  
your convenience between Tuesday  
and Saturday.

Respy Yours  
Wm. Schwenk  
Deft.

Dictated. Central St.

HENRY G. McDERMID,  
FRANK H. McDERMID,  
EDITH T. McDERMID.

January 3<sup>rd</sup>, 1885. 118  
WILLIAMSPORT, PA.

Thomas A. Edison, Esq.,

New York City.

Dear Sir:-

There will be a meeting of the stock-  
holders of the Sunbury Electric Light Company  
on Tuesday the 13<sup>th</sup> inst., at three o'clock P.M.,  
at Sunbury, for the purpose of electing officers.  
Will you please send your proxies to some one  
here or be present at the meeting? I have  
notified Mr Hastings, and you can very likely  
arrange to be represented by the same person as  
the New York Company. Please do not fail to  
have your stock represented, as we are very  
anxious that sufficient stock be present to  
constitute a quorum.

Very respectfully,

Frank H. McDermid  
President.

Job Printing

Book Binding

Office of

MOUNT CARMEL NEWS,

Watkins & White, Proprietors.

Mt. Carmel, Pa., January 10<sup>th</sup> 1885

Thomas A. Edison Esq.  
65 Fifth Ave. N.Y.

Dear Sir:

In reply to our letter  
of 1<sup>st</sup> inst. Mr. Inshall stated  
he would telegraph when you  
would be home. Having heard  
nothing from you for a week we  
suppose there must be some  
over sight in this matter.

We would be pleased to have  
you mention at some when our  
Committee can see you at New  
York. Truly Yours  
W. W. Watkins  
Pres.

Form No. 1.

# THE WESTERN UNION TELEGRAPH COMPANY.

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delay in transmission or delivery of Unrepeated Messages beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, under the conditions named above.

JOSEPH T. ECKERT, General Manager.

| NUMBER | SENT BY | RECD BY | CHECK |
|--------|---------|---------|-------|
| 267    | ph      | kh      | 1020  |

Received at 854 BROADWAY

Dated

To

Jan 13, 88  
 Wt. time per 12  
 J. R. Edison  
 65 - save  
 Committee will be at your  
 Office four O'clock Thursday  
 afternoon  
 M. K. Morris

This telegram has just been received at the office in 854 BROADWAY, just below Fourteenth Street, where any reply should be sent.  
 CABLE OFFICE. ALWAYS OPEN.

Form 2.

# Bankers and Merchants Telegraph Company.

THIS COMPANY TRANSMITS and DELIVERS MESSAGES only on conditions, limiting its liability, which have been accepted to by the sender of the following message. Errors can be promptly corrected by repeating a message back to the sending station for comparison, and the Company will not hold itself liable for errors or delays in transmission or delivery of **UNREPEATED MESSAGES**.  
 This message is an **UNREPEATED MESSAGE**, and is delivered by request of the sender under the signature named above.

RICHARD S. NEWCOMBE and JAMES G. SMITH, RECEIVERS.

|                        |         |                       |             |          |
|------------------------|---------|-----------------------|-------------|----------|
| NUMBER                 | SENT BY | TIME                  | RECEIVED BY | CHECK    |
| 65                     | 65      | 10 22                 |             | 11 PM 16 |
| Dated Fall River MS 19 |         | Received 850 BROADWAY |             |          |
| To, A. Edison          |         | Mar. 19. 1885         |             |          |
| 65. Fifth ave          |         |                       |             |          |

No main ampere meter Apr. promised  
 weeks ago please express immediately  
 Edison Illg Co.

(answered by letter)  
 will be shipped on  
 Thursday  
 L

Dec 26<sup>th</sup>

One Ampere Meter is not  
for full load. 11/20

GEORGE VALENTINE, President.

JAMES HARRIS, Secretary.

OFFICE OF

The Edison Electric Illuminating Co.  
of Bellefonte.

BELLEFONTE, PA.,

Jan'y 20<sup>th</sup> 1885

Thomas A. Edison Esq

Dear Sir      Yours in  
reference to our indebtedness to  
you, <sup>recd</sup> and in reply would say  
that if you would trade 1000 of  
our Mortgage Bonds we could  
in some way raise the money  
within a short time to pay bal.

We consider the loan a  
good investment

Yours faithfully  
James Harris

TO OFFICE  
THE CINCINNATI EDISON ELECTRIC  
ILLUMINATING COMPANY.

P. SMITH, Pres. S. B. EVANS, Treas. S. WARD, Sec'y.

Cincinnati, Ohio, Jan 23<sup>rd</sup> 1889

Dear Sir,

Since writing to you  
some few weeks ago, I have made  
a contract with this Co to take  
entire charge of their plant & business  
until May 1<sup>st</sup> '89. The plant was  
in very bad shape, engine dynamo  
& lines needed prompt & careful at-  
tention, & their plant had not added  
any lamps for some months.

I have made contracts for some  
150 lamps in the past week. The  
gas meters here are owned by one  
man & he makes a desperate fight.

He yesterday reduced the price of  
gas (and splendid <sup>coal</sup> gas it is) to \$1.00  
per thousand feet & we will have

have to follow him. I am endeavoring to induce the Co to enlarge hers as soon as possible as the uncertainty incident to a single boiler & engine makes people hesitate to take the light. Our maximum load each evening is 750 lamps at present. Dynamos run beautifully without spark. Receipts are about \$550. Running Expenses about \$20.

As you see this is only a temporary position for me & I sincerely hope that should an opportunity occur you will recommend me for a good position. I feel competent to undertake any of the work connected with the business & think my work at Middletown ought to stand me in good stead. With the hope of hearing from you later, I am, yours  
Edward Leonard

Electric Stations

OFFICE OF

# THE PIQUA EDISON ELECTRIC ILLUMINATING COMPANY.

DIRECTORS.

H. CLARK, Pres't. H. FLESH, Treas. H. K. WOOD, Sec'y. H. SLADSON. H. H. HOFFMAN. E. R. FARRINGTON. A. STAUTE.

Piqua, Ohio, *June 24th. 1885*  
Mr. W. Edison  
New York

Dear Sir - Your statement from  
y<sup>r</sup> agent received & should have had earlier attention, but  
for the fact that I expected to meet Mr. Stuart of the  
Ohio Installation Co. in Cincinnati this week. Failing to  
do so I try to say, that on Sept 2/84 this Company entered  
into a contract with the Ohio Installation Co. by which  
the latter assumed and agreed to pay all liabilities of  
the Piqua Edison Illuminating Co. including of course  
your claim. The Installation Co. had previously taken  
charge of all bills to ascertain our liabilities & reported  
to me your claim as being \$1115<sup>00</sup> which we settled  
with them, thinking of course this was all & we were  
not apprised differently until we received your statement  
& letter dated Dec 9/84. I expect to see Mr. Stuart early  
next week & get his explanation as the Company is cur-  
rently in no shape financially to pay, nor can we  
understand how such enormous bill should be  
charged up to <sup>an</sup> whom many I have charged them as part  
of the plant & were to be furnished by the Construction  
Co.  
Very Resp  
J. H. Stuart

W. L. Garrison, Agent,  
Edison Electric Light Co.  
132 Federal Street.

Since writing this, the directors have  
agreed to meet Mr. Hastings here this  
morning. -

Boston, Feb 3, 1885.

Thomas A. Edison, Esq. - New York.

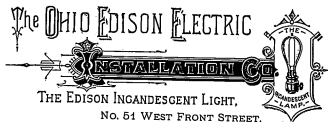
My dear Mr. Edison -

It pains me to inform you that  
Mr. Johnson, having promised to rectify certain  
mistakes at the Bowditch Station, now throws the  
responsibility upon the Village Plant Committee,  
which repudiates his pledge. - The contract  
for construction was made with you personally, &  
legally. I presume we must look to you for  
redress. Our directors meet tomorrow  
morning and will undoubtedly place the case  
in the hands of Judge Horner & we shall  
follow his counsel. In case we are forced  
to this ~~to this~~ unpleasant alternative we  
shall not pay the notes due you & maturing  
this month, & you had better arrange for them  
accordingly. We will take the responsibility &  
defend suit till justice is done, & if we resort  
to the law we shall lay claim to damages  
sufficient to cover <sup>of contract</sup> shortcomings & costs.

Trusting that we shall not be driven  
to this unpleasant antagonism and that  
Mr. Johnson will adhere to his promise,  
voluntarily & repeatedly made, I remain

Very sincerely yours,

W. L. Garrison, Treas.

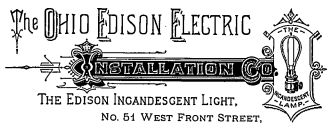


Cincinnati July 5<sup>th</sup> 1883 -

Sam Russell Esq  
New York

I am in receipt of your letter of 2<sup>d</sup> - I cannot now spare the time to enter into more explanations. But above all you must stop dunning our these old matters for a time. Now I know all you would say in answer to this but it is no use. Every-body who has put a dollar into Edison light in this country is awful sick.

The whole thing in Ohio is trying to rest itself on our shoulders. we have about \$85,000 tied up in it and may lose the whole thing. The Tiffin patent shut down two rights, Cincinnati is struggling to wear the patent & quit. Middletown has cost enormously and now is in a hard fight with the



Cincinnati, ..... 1888

Brush Co & Green Co - The Brush  
Surrender Co offer to back up the  
local Co with money to make the  
fight - we have had very bad  
times with our Dept. plant.  
Last Middleton Pigma is the only  
hope of the Edison light in Ohio,  
and that is very slim. Now both the  
Pigma parties & ourselves are honest in  
our dealings ~~that~~ if the thing can be  
made to hold out successfully you will  
not hear from Pigma all & everything due you  
but you might as well try to extract flesh from  
a turnip as money from them now. So do not make  
any trouble, but write flesh to your sympathizers  
with them and will let the matter rest until  
they get on their feet. This will be much  
the best for all & encourage them. My other course will  
only serve to break them down - Yours truly H. H. H. J. J.

P.S. Had a visit from Mr Sims  
& like him very much  
He is a seductive fellow  
S

Indeed I never had the "Bliss"  
half so bad in all my life  
S

THOMAS A. EDISON,  
No. 65 FIFTH AVENUE.

NEW YORK, 5<sup>th</sup> July 1885

Mr. Whelen  
Ansonia Brass & Copper  
Company.

Dear Sir,

The latter end of  
October I sent you two  
notes of the Edison Electric  
Illuminating Co of Boston  
one for \$556.<sup>42</sup> & the other for \$556.<sup>43</sup>  
to apply on Mr. Edison's  
account.

I fear my Book-keeper  
has omitted to keep a record  
of the due dates of the notes  
& I shall therefore be glad  
if you will let me have  
a memorandum as to  
when they fall due by  
beaver

Yours truly  
TAE  
Sam. Insull

Note #155642 - due July 11/85  
" 155643 " " 25/85

1 Dated Oct 8 HMM #155642  
1 " Oct 24 " " #155643

Payable at North Nat Bank  
Boston Mass

# The Edison Company for Isolated Lighting,

65 Fifth Avenue.

New York, February 10th, 1885.

Thomas A. Edison, Esq.  
City.

Dear Sir:-

For your information, and in order that there may be no misunderstanding in the matter, I beg to give below the result of the telegraphic negotiation with Mr. Garrison as Treasurer of the Brockton company yesterday. My first telegram read as follows:

"W. L. Garrison, Treasurer,  
132 Federal street, Boston, Mass.

Edison consents following arrangement without prejudging rights under contract and in consideration your company paying notes and withholding suit he will exchange two large dynamos for new ones with guaranteed capacity sixteen hundred lamps and exchange two small dynamos for new ones with guaranteed capacity eight hundred lamps regarding small engine I find it was not sold for eighty horse power but for what it is simply as reserve therefore if you accept engine as it stands. Edison will pay freight both ways on exchange above mentioned four dynamos this must be settlement all claims in full and is best can be done answer quick.

F. S. Hastings,  
Treasurer".

to which Mr. Garrison replied as follows

"Dispatch received directors accept proposition provided Edison pays for labor in replacing dynamos and also cost of resetting small engine including new bets at suitable distance from dynamos greatest economy to be used answer

W. L. Garrison,  
Treas."

to which on authority of yourself and Mr. Insull I replied as follows  
"Edison accepts additional conditions quoted in your dispatch of to-day".

Kindly confirm the above at your convenience.

Mr. Garrison writes under date of the 9th. inst. that he will use the station men to do the work of replacing dynamos &c., so far as may be possible, without making any charge for their services, and that it is only for such extra labor that it may be necessary for him to employ that is referred to in his telegram.

Mr. Garrison adds that the notes will be promptly paid although he has no notice of the one due on the 11th. inst., but states that he will look out for it.

Very truly yours,

*F. S. Hastings*  
Treas.

W. L. Garrison, Agent,  
Edison Electric Light Company,  
132 Federal Street.

Boston, Feb 10, 1885.

My dear Mr. Edison.

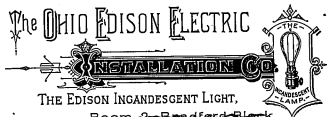
I presume my actions  
in behalf of the Brooklyn Edison have  
caused you personal annoyance &  
possibly hard feelings towards me. -  
No one can regret the loss of your  
friendly confidence more than I.

Antagonism with you was entirely  
unexpected on my part, & the decision  
(announced) to withhold payment of the  
notes, was reached only when we  
realized that the responsibility which  
we suffered assumed by other parties  
did not exist. Instead of being  
unreasonable in our demands or  
lacking appreciation of the partial  
satisfaction made, we have been  
long suffering & patient. I am  
content to leave the case to your  
later judgment as respects my own  
part in it. Under certain represen-  
tations I had persuaded friends to  
invest their money in my enterprises & good  
faith forced me to protect it. Yours truly,  
W. L. Garrison.

H. C. HOFFMANN, President.

H. WORTHINGTON, Vice-President.

A. STUART, Secretary and Treasurer.



THE EDISON INCANDESCENT LIGHT,

Room 2, Bradford Block,

N.W. Corner

Cincinnati,

Feb 11

1885

Sam'l Insull Esq.

65 Fifth Avenue New York.

Dear Sir:

Please send us a hydrometer + a small room thermometer such as you furnished to the Central Station you installed, to be used in the meter business, & very much obliged

Yours truly

Attest J. E. Gray

<sup>18</sup> Cans Hydrometer

.50

Billed -

GEORGE VALENTINE, President.

JAMES HARRIS, Secretary.

OFFICE OF

The Edison Electric Illuminating Co.,  
of Bellefonte.

BELLEFONTE, PA.,

2/12<sup>th</sup>

1885

Thos A Edison Esq  
Sir - Your proposition in  
regard to note received and  
shall be laid before Board  
and have early attention.

We trust we shall be able  
to settle up before long

Yours J. Harris

Seay

The OHIO EDISON ELECTRIC



THE EDISON INCANDESCENT LIGHT,

NO. 51 WEST FRONT STREET,



Cincinnati July 13th 1885

Thos A Edison Esq  
New York  
Dear Sir

Your favor of July 10th received have just returned home from Cincinnati late this evening very tired, and have to leave early in morning will give those matters attention early in <sup>my return</sup> tomorrow. Am surprised at Mr Russell asking us to assume \$134 or acknowledge any liability of this company after I had taken so much time & pains to explain his Rignia matter to him, and which I know he understood. I only wrote as I did at request of Rignia Co. The other matter 232.9 I will look into and report. My understanding was & is we do not owe you anything if we do we will pay Yours truly Stewart J. Gay

Weymouth July 1905

Your favor recd & contents  
noted - Our committee will  
meet the latter part of this  
week & will lay your  
communication before them &  
advise you of their action  
Yours sincerely  
G. C. Harper

MARKLE BROS. & CO., Successors to



Hazleton, Pa. Feb'y 20<sup>th</sup> 1885

Thomas A Edison Esq

Dear Sir,

In reply to your favor of recent date, our committee say that they find the boiler entirely inadequate for the work required of it. Enclosed find statement of bills, already expended for perfecting your incomplete work. We also propose to put a dome on boiler, in the hopes of obviating the priming. We do not expect that putting on this dome, is going to make the boiler equal for the work required of it, but are trying to save the engine from being destroyed. We will wait five days for you to say whether you will have boiler capacity enough for engine; otherwise, will continue to add any improvements that we think will help us, and deduct the cost of same from your balance!

Sincerely  
Edison Electric Illuminating Co.  
Per Noyes Day,



Cincinnati, Feb 25 1885

Samuel Duell Esq.  
New York City.

Dear Sir:

If I misstate not, you furnished a book or pamphlet to some of the engineers or electricians at some of the central stations you installed that gave an account of information or instruction as to the running & operation of the engines & dynamos as well as to the general electrical apparatus such as indicators &c. or if you did not furnish it to the engineers or electricians of the stations you furnished it to your men, now what was this pamphlet or book? where can I procure one & what is cost of same?

Please enlighten me on the above as soon as possible over much obliged  
Yours truly Arthur E.

THOMAS A. EDISON,  
No. 65 FIFTH AVENUE.

NEW YORK, Feb. 25<sup>th</sup> 1885

General Agent, E. J.  
Private Secy

Dear Sir

I expect to be absent  
from the City for two or three  
mths.

Should there be received any  
Cables, correspondence or ~~transmittances~~  
in connection with Foreign business  
I wish you would ~~write~~ write me  
"C/o Hall & Jester & Co."  
"Cincinnati Ohio"  
"to be forwarded"

It is possible & even probable that we may  
rec. an order of transmittance from Japan  
Also possibly from Corea, and  
Manchuria.

Should it be necessary to ship  
out ~~over~~, Mr. Stetebler will help  
me out provided I can come on  
as quickly as necessary.

Respectfully  
Wm. L. Brewster

The Edison Electric Illuminating Company.

Brockton, Mass., March 29<sup>th</sup> 1884

Edison Machine Works,

Genl.

New York.

We are ready for  
the new dynamos to replace  
the two 5<sup>0</sup> dynamos, under  
agreement through Mr. Hastings.  
Please inform us when you  
will ship them. We would like  
them by Saturday if possible. -

Very truly,

B. F. Simmons Mgr

Hastings is this as per  
your agreement and what  
Edison agreed by contract?

Mitchell

The OHIO EDISON ELECTRIC



THE EDISON INCANDESCENT LIGHT.

NO. 51 WEST FRONT STREET,

Cincinnati, March 5 1885

Samuel Insull Esq.

New York City.

Dear Sir:

Yours of 2<sup>d</sup> received and noted.  
If you will supply us with the books we  
refer to at cost please advise us  
what the cost will be and oblige us

Yours Truly

Adrian J. J. J.

John give me figures

|                     |     |
|---------------------|-----|
| Questions on dynamo | 19  |
| Questions " Motors  | 24  |
| " " Electric Motors | 25  |
| " and Answer Books  | 150 |

THE OHIO EDISON ELECTRIC  
INSTALLATION CO.  
THE EDISON INCANDESCENT LIGHT,  
No. 51 WEST FRONT STREET,  
Cincinnati, *Feb 5th 1885*

Samuel Sewall Esq  
New York  
Dear Sir

I have been in  
such a rush trying to keep all things  
moving that I have not had  
time to take up your matters  
will certainly do so shortly.

Had one shut down a short  
time ago at Liffon. almost had  
one at Viquez last Saturday and  
did have a serious one last night  
at Circleville - Engineer let the  
water over & broke the piston head

We do all kinds of work for  
these Co's but cannot collect a  
dollar for anything - all out nothing  
coming in Yours Truly  
Alvan, Gray

MONONGAHELA HOUSE,  
610, S. BRIDGE,  
PITTSBURGH.

Pittsburgh Pa. March 5/85  
Samuel Insull Esq  
65 Fifth Ave. N.Y.  
New York  
Dear Sir

I expect to be in Erie  
Pa on Sunday next.

Should there be any letters or other  
matters of interest to me, at your  
office, kindly forward same or  
information as to same, to that point  
90 Erie City Iron Works.

Possibly, I may go from Cleveland  
where I go tonight to Minneapolis  
without going to Erie first. But in  
case I change my route, I will  
communicate with Mr. Shepler & he  
will reforward mail.

Yours Very Truly  
W. F. Brewster

The Edison Company for Isolated Lighting,

68 Fifth Avenue,

New York, 5<sup>th</sup> March 1885

Charles Dalchelon Esq.  
Edison Machine Works.

Dear Sir,

I return you herewith the  
letter from The Brockton Co., and also enclose  
a copy of the Agreement made between  
W. Edison, and W. Garrison, in relation  
to the matter, which I believe you will  
find quite correct

Yours very truly,  
J. S. Hastings  
Per  
J. S. Hastings

New York, February 10th. 1885.

Thomas A. Edison, Esq.  
City.

Dear Sir:-

For your information and in order that there may be no misunderstanding in the matter, I beg to give below the result of the telegraphic negotiation with Mr. Garrison as Treasurer of the Brockton company yesterday. My first telegram read as follows:

"W. L. Garrison, Treasurer,

132 Federal street, Boston, Mass.

Edison consents following arrangement without prejudicing rights under contract and in consideration your company paying notes and withholding suit he will exchange two large dynamos for new ones with guaranteed capacity sixteen hundred lamps and exchange two small dynamos for new ones with guaranteed capacity eight hundred lamps regarding small engine I find it was not sold for eighty horse power but for what it is simply as reserve therefore if you accept engine as it stands Edison will pay freight both ways on exchange above mentioned four dynamos this must be settlement all claims in full and is best can be done answer quick.

F. S. Hastings,

Treasurer."

to which Mr. Garrison replied as follows:

"Dispatch received directors accept proposition provided Edison pays for labor in replacing dynamos and also cost of resetting small engine including new bolts at suitable distance from dynamos greatest economy to be used answer.

W. J. Garrison,

Treas."

to which on authority of yourself and Mr. Insull I replied as follows

"Edison accepts additional conditions quoted in your dispatch of to-day".

Kindly confirm the above at your convenience.

Mr. Harrison writes under date of the 9th. inst. that he will use the station men to do the work of replacing dynamos &c., so far as may be possible, without making any charge for their services, and that it is only for such extra labor that it may be necessary for him to employ that is referred to in his telegram.

Mr. Garrison adds that the notes will be promptly paid although he has no notice of the one due on the 11th. inst., but states that he will look out for it.

Very truly yours,

*Insull is it you understand me  
that we change both machines  
I thought only the small ones*  
*W. J. Garrison*

JOS. L. HALL, Pres.

EDWARD C. HALL, Vice Pres.

RICHARD T. PULLEN, Secy.

# HALL'S SAFE & LOCK COMPANY



BRANCH HOUSES.  
279 BROADWAY, NEW YORK.  
404 1/2 NORTH 35TH ST. ST. LOUIS, MO.  
N.E. COR. HANCOCK ST. & LOUISVILLE KY.  
67 WASHINGTON ST. CHICAGO.  
212 & 214 CALIFORNIA ST. SAN FRANCISCO, CAL.  
134 SUPERIOR ST. CLEVELAND, O.

FACTORY  
S.W. COR. PEARL & PLUM STS.  
CINCINNATI.

CLEVELAND, O. March 6th 1885

Saunders, Daniel Esq.  
Chas. Tark City,  
Ohio.

Not expecting to be in Chicago until I had made a trip to Erie & Oil City, I wrote my personal friend Mr. R. to open & inspect the Est. for stock indicator.

Mr. R. has replied that he had done so & will see what he can do.

I explained to him the probable difference in cost between a plant in U.S. & Chicago, and also upon about what terms they can obtain contract of it in Ohio.

Shall be in Erie Pa, Monday & Tuesday. Hope to be in Chic within next 20 days.

Respy Yours  
Wm. A. Brewster

PENNSYLVANIA HALL,  
W. W. REED, PROPRIETOR.

*To you with this*  
*to Mr. Reed*  
*Philadelphia, Pa., March 10th 1884*  
3074  
Samuel Reed Esq  
60 Fifth Ave  
New York

Dear Sir

The inclosed letter  
sent me by your request is  
duly returned. As I have no  
paper, Catalogues or other data  
with me, I would request that  
you either reply to Mr Davis  
or request Mr Batchelor to.  
Possibly you could tell him  
a small isolated Church.

I am jumping all over the  
Country helping our regular  
Apts. or Branch Managers.

I will be at Millboro Pa  
Thursday. Come here via  
Buffalo from Cleveland  
(Per Mr. Jones)  
W. F. Brewster

I have  
sent this man  
all particulars

of system

OK

GEORGE VALENTINE, President.

OFFICE OF

JAMES HARRIS, Secretary.

The Edison Electric Illuminating Co.  
of Bellefonte.

BELLEFONTE, PA.,

March 28<sup>th</sup> 1885

Thos A Edison Esq

Dear Sir. Enclosed find  
check for Four hundred and fifty  
five dollars and two cents, \$455.02  
also Voucher for acct Jas Harris \$ 238.28  
at Account of Jas Harris & Co here with  
rendered and which was rendered 20.02  
Voucher for acct William S. Harris 70.43  
Account of William S. Harris for  
painting poles as per agreement  
made by Mr Perry by directing  
Mr Nick. Making in all  
One Thousand Dollars \$1000.00  
We hope to send you balance as  
soon as we have disposed of the  
bals of our bonds. We send the vouchers  
in a separate Envelope yours James Harris  
scj

E. Z. WALLOWER,  
PRESIDENT.

THE HARRISBURG OFFICE, 18 1/2, THIRD ST.  
CENTRAL STATION, FOURTH STREET NEAR SOUTH.

E. L. - CENTRAL STATIONS -

GENESEE

JOHN I. BEGGS,  
TREAS. AND SECY.

# THE HARRISBURG ELECTRIC LIGHT COMPANY.

(EDISON INCANDESCENT SYSTEM.)



Harrisburg, Pa., Apr 6<sup>th</sup> 88

J. O. Edison Esq.  
65 Fifth Ave.  
N. Y.

Dear Sir:

Some days ago I was in Sunbury, looking over our plant there. I find it in a very dilapidated state. And cannot run many months longer, without extensive repairs.

An effort has been made to raise money to be build and failed. All of the present stock holders refuse to put any more money in.

Now there is a disposition on the part of some Sunbury capital to take hold of the business and double the capacity, putting everything in good shape provided they can

E. Z. WALLOWER,  
PRESIDENT.

TREASURER'S OFFICE, 15 & 17 THIRD ST.  
HOTEL STATION, FOURTH STREET NEAR HOTEL.

JOHN I. BEGGS,  
TREAS. AND SECY.

## THE HARRISBURG ELECTRIC LIGHT COMPANY.

(EDISON INCANDESCENT SYSTEM.)



Harrisburg, Pa.,

Get the stock held by yourself  
and the Williamsport parties for  
\$50. per share if not they won't touch  
it. To ruin the situation in this  
manner that \$50. is better than  
total loss, that a good plant in  
Sunderby is far better for the Edison  
system at large than a poor one  
or total wreck, that better make  
sale of a little old broken down  
plant & up in Pa. when its stock can  
be sold for more than the quotation  
of its parent Co. I hold 14 shares  
and think can persuade the W<sup>m</sup> for  
fully to sell at the above quotations in  
fact we are all disgusted and want to  
get out - and will do so if you will  
go in with us. Will you do it?

Please ans. at once. Yours Resp'd

C. B. Story  
Colton House 714 1/2 Pa.

EL. - CEN. STAY, T  
GENERAL  
MAPLE PARK SPRINGS,  
MOUNTAIN SUMMER RESORT,  
EASTON, CAMDEN CO., Pa.  
OPEN FROM JUNE 1 TO OCT. 1.

# BOLTON HOUSE

T. H. HEIST, Proprietor.

Harrisburg, Pa., *Apr 4* 1885

J. A. Edison Esq  
New York

Dear Sir -

The question of City Lights  
is now being seriously con-  
sidered by the Directors of the  
Harrisburg Elg. Co. There will  
be about five hundred lights  
and the district is about three  
miles long, with Light Station  
Midway between extremities.  
They want 20 C.P. Lamps, and  
Expect to get liberal pay -  
One of the chief difficulties  
that arise in the Municipal  
System is the limited resources

MAPLE PARK SPRINGS,  
MOUNTAIN SUMMER RESORT,  
ESSEXBURG, COCKER CO., Pa.  
OPEN FROM APRIL 1 TO OCT. 1.

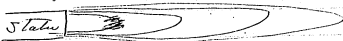
2

## BOLTON HOUSE,

T. H. HEIST, Proprietor.

Haniding, Pa., \_\_\_\_\_ 1888

of lamps in one loop, which would necessitate on long distance some arrangement of loops like this:-



Would it be possible to make 20 C.P. lamps of say 20 V. alt. so that we could get 40 lbs. in series on an 800 V. C.C. circuit or so on double that. E.M.F.? This would then admit of a resist. box in Station on each loop, and render more perfect our control of current - Moreover - we could start with a certain amt. of resist. in each circuit, and then provide

MAPLE PARK SPRINGS,  
MOUNTAIN SUMMER RESORT,  
ESCHWARTZ, CAMBER CO., PA.  
OPEN FROM APR. 1 TO OCT. 1.

3

# BOLTON HOUSE,

T. H. HEIST, Proprietor.

Harrisburg, Pa., \_\_\_\_\_ 188  
for the contingency of having  
to put in an occasional ~~new~~  
additional lamp, which is  
very often called for.

Is there any absolute  
minimum limit of resistance  
(otherwise volt.) for incandescent  
lamps in series?

I hope to be in New York  
in a few days, and I should  
like to talk this matter  
over with you.

Yours truly  
W. L. Heister

MAPLE PARK SPRINGS,  
MOUNTAIN SUMMER RESORT,  
ERDENBURG, CHENANGO CO., PA.  
OPEN FROM JUNE 1 TO DEC. 1

4.

## BOLTON HOUSE,

T. B. HEIST, Proprietor.

P.S. *Monday, Pa., 1888*  
Mr Spence suggests that  
if it were possible to make a  
10 Volt 16 C.P. Lp. we could put  
25 such Lamps in series on our  
own 250 Volt conductor in Station.  
thus doing away with the  
heavy objection of having to  
provide extra engine & dynamo  
for Municipal system. We  
could use bare copper wire for  
conductors (instead of insulated)  
at one half cost, and so  
greatly cut down first cost  
and also danger of high Volt  
dynamo. - If this could  
be worked out, we could  
immediately monopolize

MAPLE PARK SPRING,  
MOUNTAIN SUMMER RESORT,  
EASTON, CHESAPE CO., PA.  
OPEN FROM APRIL 1, TO OCT. 15.

5  
BOLTON HOUSE,

T. H. HEIST, Proprietor.

Harrisburg, Pa., \_\_\_\_\_ 188

all street lighting in every town  
that has one of our Stations  
The idea of <sup>having to buy</sup> a separate Engine  
& Dynamo for one exclusive  
purpose is a big bug-bear  
and if this could only be  
got rid of, there is no  
question that it would  
be an immense help to  
the boy -

Respectfully

New York, 8<sup>th</sup> April 1885

J. Insull Esq.  
65-5 Ave

Dear Sir:-

Replying to yours of this date  
I beg to inform you that the following are  
the Officers and Directors of the Jumbury  
Comp<sup>y</sup>, as reported Jan<sup>y</sup> 15/85. viz:-  
Directors.

L. J. Rohrbach.

P. D. Shaw

Wesley Auten.

J. C. Schwiler

Geo. W. Heim

S. J. McCormick

J. H. McCormick

Secy & Treas<sup>r</sup>: Wesley Auten. President L. J. Rohrbach.

Their official place of business is at  
Jumbury.

Yours truly  
J. S. Hastings.  
J.S.H.

(54)

EDISON ELECTRIC ILLUMINATING CO. .... SUNBURY NTD CO. PAC

(Additional)

They have been asked for a statement of their affairs but make no reply and Authorities are unable to obtain any further information in regard to them. Report of March 24 1885 will be considered final:

April 9 1885

46  
47



Cincinnati, O., April 9, 1885

Mr. Thomas Edison

Dear Sir,

I wrote to you a little over a week ago, concerning an electric lighting station which I desired to establish in the city of Cincinnati to supply your light to that portion of it surrounding my home, and as yet I have received no response. I requested you to furnish estimates of the cost and maintenance of the same, and though I knew that it might detain you a few moments from your occupation, I thought you would not refuse to grant me those moments in furnishing some information relative to your business, especially as it pertained to establishing your light in this city, where, although you are represented, it, I am sorry to say, is not extensively used. Pardon my silence, probably due to some unavoidable cause. Beg your again, dear sir, to give me the desired information. If you still have my former letter, you will remember, that

I said, that the district, which I intended to  
supply with your light, comprised no  
more than 400 houses and that the mains  
were to be laid through alleys; but I find that  
by laying them through the streets, we can  
supply a district of more than 2000 houses  
contained in a circuit of less than  $\frac{1}{2}$  miles.  
Each of these houses, being either 3 or 2 story brick  
residences, no frame structures included, turn out  
an average of 10 gas jets per night. To replace these  
by 9 of your lamps would require about \$8,000  
for the entire district; the cost of these, together  
with mains, stations, machinery and all appurtenances  
I would estimate at \$10,000 being almost three  
times greater than the district I first intended to  
supply. In order to secure a uniform income to li-  
quidate this debt, I intended to charge  $\frac{1}{2}$ ¢ per lamp  
for 15 hours or a night, for all, using 10 or more lamps;  
for those using 9 or less,  $\frac{3}{4}$ ¢ per lamp for 12 hours.  
Taking  $\frac{1}{2}$ ¢ for 15 lamps as a basis, we have for one house  
7¢ per night, for an average of 10, dropping the charge for a  
year to 4¢ for the district we have \$48,000 per annum.  
By this plan the debt could be paid in little over

a year  
even after deducting \$1000 more per year for  
running expenses. All things are favorable to  
establishing such a station here, the location, espe-  
cially so, the site on which the station would stand  
being entirely surrounded by the residence portion  
of the city, and being situated in the neck, which is  
destined to grow rapidly. The experiment would  
be a stimulus for others and here, at least, your  
light would rapidly come into favor. Feasibility  
I would first have the residents included in the  
district sign a contract to use the light for at  
least three years: until these should be secured  
I would not ask you to advance a cent for the  
carrying out of the plan. Nevertheless, the farther  
letter will meet with your approval, more satisfac-  
tory than the first, and I at least, request you to  
answer the questions contained herein and inform  
me of your approval or disapproval. If I should decide  
to pursue the plan, please inform me as soon  
as possible for the mains would have to be laid  
immediately as the streets will very soon be  
paved with granite, after which they are  
not allowed to be torn up again. Hoping

that you will approve of the plan. They  
your pardon for disturbing you and becom-  
bid you adieu.

Yours truly

Joseph D. Straus.

Address: 860 West 9th Street

Cincinnati, Ohio.

P.S. After the debt has been paid, I would  
be willing to pay a reasonable royalty to you  
for using your patents and rights.

W. Chester Pa. 4/10. 85.  
C. W. Price, Esq.

Dear Sir - Your favor of 9<sup>th</sup>  
is received. We have concluded the  
contract for our plant but are  
still receiving proposals.

Any statement to the contrary  
was wholly unwarranted and erroneous.  
Yours truly,

R. J. Forman

My Dear Sir,

N. B. 4/14/85

I hope your  
Mr Johnson is looking into  
this matter. Her is the  
letter I mentioned yesterday  
from Mr Forman, one of  
the principal parties interested  
in starting the Electric Light Co there.  
ELECTRICAL REVIEW, Harris - Washington.

Henry C. McCormick.  
Frank H. McCormick, Seth C. McCormick,  
Attorneys,  
Williamsport, Pa.

Thomas A. Edison, Esq.,  
65 Fifth Ave, New York,

Dear Sir:--

Your letter of April 9th, to C. B. Story in answer to a proposition of his looking to a sale of Sunbury Electric Light Stock, has been handed to me by Mr Storey. You state in this letter that there is about \$2400. of stock still due you from the Sunbury Company. You will remember that you agreed with me in New York last October to deduct from this amount the sum of \$750. for defects in the construction of the Plant. As to the promoters Stock that is due to you, the amount I agreed you should have, in addition to what has already been delivered to you was \$400. This amount is ten percent of the last increase of the Capital Stock of the Company and it still remains in the hands of the New York Company. I have written them to-day either to forward this stock to us or to deliver it to you for us.

I would like, if possible, to get something out of this business before the bottom falls out of it entirely. and as far as I am concerned will gladly sell at fifty cents and consider myself very fortunate if I get that. I have for some time past considered the amount I had invested in the business as lost, and anything that I can now get out of it will be as good as found. We hold the proposition of settlement made by you and which was accepted by us, and in this you agreed to take \$1050. in full of your claim against our Company.

Very respectfully yours, -

April 13th, 1885.

*H. C. McCormick*

JAMES S. HUMBIRD,  
GENERAL AGENT,  
P. O. BOX 18.

ROOM 13,  
Commonwealth Trust Co. Building,

GENERAL AGENCY FOR THE STATE OF PENNSYLVANIA.

THE EDISON ELECTRIC LIGHT COMPANY,

The Edison Company for Isolated Lighting.

Harrisburg, Pa., 15<sup>th</sup> April 1885

Mr G. Randolph

Please send to  
Frank S. Mann at  
above address statement  
of exactly what  
paragon cable we  
have at the Laboratory  
Give size of wire  
& lbs of each kind  
Send this information  
at once  
Yours  
Innocent

OK  
Apr 1

FRANK S. MARR,

CONTRACTOR EDISON CENTRAL STATION SYSTEM.

H. M. DOUBLEDAY,  
Superintendent.

Hammesburgh 16/1885

Mr. F. Randolph.

I wrote you today  
to send list of paragon  
cable to Mr. Marr. Please  
give duplicate of the list  
to the bearer Mr. Wood.

Sam H. H. H.

Henry C. McCormick,  
Frank H. McCormick, Seth C. McCormick,  
Sutcliffe,  
Williamstown, Pa.

Thomas A. Edison, Esq.,

65 Fifth Ave., New York.

Dear Sir:-

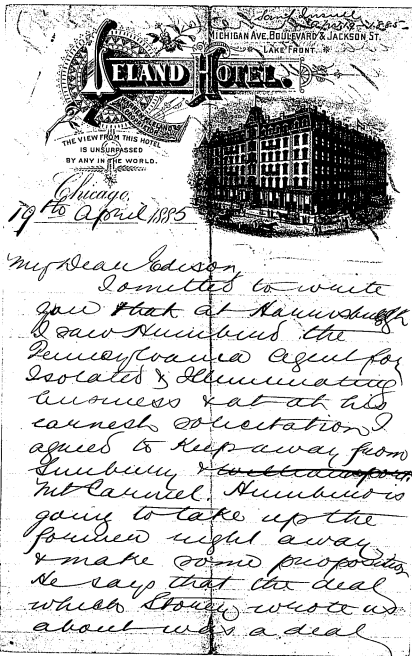
We are making an effort to re-organize the Sunbury Electric Light Company, and to carry out our plans, it will be necessary to buy additional stock if it can be purchased at a low figure. Will you please send me at once a thirty day option for all the stock you hold at the very lowest figure you will take? Please state in the option the number of shares you hold.

I have not very much hope of carrying out this plan, but it may succeed if the stock can be bought at a low enough figure. Please attend to it at once.

Very respectfully,

*Frank H. McCormick*

April 18th, 1885.



which he (Humbird) was trying to work up with Lumbury parties & Stouelys inletsference in going to Lumbury had busted the deal for the moment. Humbird however will take it up again in fact he must as his <sup>say</sup> business is prejudiced by the condition of Lumbury plant. I saw Schwack of Mt Carmel at Hammondsburg. The Mt Carmel Co has no money he says. Humbird is however going to take this plant up also & proposes putting it on its feet.

I think the best thing we can do is to let Humbird have a try in fact I do not & what else we can



do - I do not know  
whether I shall get  
round to Bellefonte &  
Shamokin this week  
as I must get home  
by Saturday & I have  
to go to Cincinnati &  
Pittsburg & get on Pub  
Co business & after  
that I want to go to  
Detroit on my own  
personal affairs my the  
McCarte Cash Carrier  
I think I can put through  
quite a deal in  
connection with it.  
If I miss Shamokin &

Bellefonte this week  
I ~~will~~ <sup>to those places</sup> go for you next  
week and I may then  
make my trip to  
Pittsburgh as I am  
not sure I can get  
the Telephone man <sup>this</sup>  
want to this week.  
I am now trying  
to make an appointment.

I wrote you  
yesterday I think  
saying I have some  
data for Kueser to work  
on for the Chicago  
Telephone Co. They are  
going to do lots of  
underground work.  
If my trip to Cincinnati  
turns out as well as  
Chicago promises to I shall  
be satisfied yours sincerely  
Samuel

OFFICE OF

# THE PIQUA EDISON ELECTRIC ILLUMINATING COMPANY.

DIRECTORS.

H. CLARK, Pres't. H. FLESH, Treas. H. K. WOOD, Sec'y. H. BLAUNTON. H. H. HOFFMAN. J. R. FARRINGTON. A. STUART.

Piqua, Ohio,

4/21

1885

S. Insull  
Dear Sir. Will you please have  
them mail me samples of three  
candles for the paragon brand 15 20 25  
also the No 4 16- 25 32. Please mail Black &  
White. As soon as rec'd if satisfactory  
will send you an order by return mail  
Respectfully  
Yours  
H. K. Wood

W. L. Garrison,  
Broker and Dealer in Commercial Paper,  
132 Federal Street.

Boston, April 22, 1885.

Thomas A. Edison, Esq.,

New York.

Dear Sir,

I enclose herewith  
bill covering the cost of replacing  
new dynamo & changing position  
of engine at Brooklyn, as per  
agreement through Mr. Hastings  
last <sup>February</sup> January. - I also enclose  
vouchers for money disbursed,  
excepting amounts paid laborers. -

Immediately on receipt of check  
we shall forward the old dynamo  
to Mr. Betchelors.

Respectfully

W. L. Garrison,

Per me

<sup>enclosed</sup> The book for steam piping will be mailed  
tomorrow. (74.)

E. Z. WALLOWER,  
PRESIDENT.

TELEPHONE OFFICE, 19 N. THIRD ST.  
CENTRAL STATION, FORTY-SEVENTH STREET NEAR FORTY.

E. L. T. A. S. T.  
CENT. GEN. 1885  
JOHN I. BEGGS,  
TREAS. AND SECY.

## THE HARRISBURG ELECTRIC LIGHT COMPANY.

(EDISON INCANDESCENT SYSTEM.)



Harrisburg, Pa., April, 28th, 1885.

Thomas R. Edison, Esq.,  
65 Fifth Ave., New York.

Dear Sir:--

It is our present intention, should nothing unforeseen occur, to turn on the light regularly from our Central Station on the evening of Friday next, May, 1st., at which time we shall be pleased to have the benefit of your counsel and the pleasure of your company.

Hoping to see you in Harrisburg on the above named date, and with kind regards, I remain

Very truly yours,

A handwritten signature in cursive script, reading "John I. Beggs".

Treas., Sec'y. and Gen'l. Manager.

FRANK S. MARR,  
CONTRACTOR EDISON CENTRAL STATION SYSTEM.

H. M. DOUBLEDAY,  
Superintendent.

Harrisburgh Apr 29<sup>th</sup> 1885

Sam'l Duane Jr

Dear Sir:

Will you please send to  
H. M. Doubleday Bellefonte Pa,  
40 lbs No 18 Red Paragon Cable & send  
me the bill - send at once & oblige

Yours Best

Frank S. Marr

J. F. R. Sent this J. F.

THOMAS A. EDISON,  
No. 65 FIFTH AVENUE.

NEW YORK, May 1<sup>st</sup> 1885

John. F. Att Esq/  
292 Avenue B  
City

Dear Li

Please send to

St. In Double day  
Belmonte  
Penn.

48 lbs No 18 Red Paragon balls.  
Please have this very carefully  
weighed and as near 40 pounds  
as possible send this today if  
possible and notify me when  
it is shipped.

Very truly  
Phos. A. Edison

### Profit and Loss

P.3.49

413 lbs at 411 Lbs.  $12\frac{1}{2}\%$  —

$$\begin{array}{r} 15.43 \\ 1092 \end{array}$$

Shipped May 2<sup>nd</sup> 1892  
Credish Material Co.

Friend -

*[Signature]*

Letter 512043

W. L. Garrison, Agent,  
Edison Electric Light Company,  
132 Federal Street.

Boston, May 1, 1885.

Thos. A. Edison, Esq.

Dear Sir.

I await the fulfilment of the agreement made with you through Mr. Hastings last February. It is time the whole business was summarized and all further complaints stopped on our part.

There remains

1st. Forfeiture of money for bill rendered. -

2d. The shipment on our part of the 2 "J" dynamo to the Machine Works.

3d. The change of two of our "K" dynamo for better ones. -

After these are accomplished the Brooklyn Co. will have no further claims against you for past work. -  
Very truly, W. L. Garrison, Pres.



Shamokin, Pa., May 7 1885  
Thomas. A. Edison Esq

New York

Dear Sir

Yours of 5<sup>th</sup>

is at hand and in reply will say  
there will be a meeting of the Board  
of Directors of the Edison Illuminating Co  
of Shamokin on Monday Evening  
May the 11<sup>th</sup> and I will bring your  
letter before them for consideration

Yours Truly  
John Mullen Esq

(25)

EDISON ELECTRIC ILLUMINATING CO.....FALL RIVER, MASS.  
A.F.Dow President  
Wm. H. Divelly Jr. Treas. Bristol Co.

Directors the same and J.C.Borden and W.L.Whitney. Copy of  
certificate of condition filed May 6, 1885 amount of fixed capital  
stock \$90,000 amount paid in \$80,175

| ASSETS.                 |             | LIABILITIES.    |             |
|-------------------------|-------------|-----------------|-------------|
| Real Estate.....        | \$ 7,500.00 | Capital stock.. | \$80,175.00 |
| Machinery.....          | 30,960.16   | Debts.....      | 3,782.29    |
| Cash and debts rec..... | 6,240.09    | Balance P. & L. | 4,533.14    |
| Material Mfg. &c.....   | 2,339.16    |                 |             |
| Patent Rights.....      | 27,500.00   |                 |             |
| Miscellaneous.....      | 13,951.02   |                 |             |
|                         | <hr/>       |                 | <hr/>       |
|                         | \$88,490.43 |                 | \$88,490.43 |

May 11, 1885

Please return report if no  
longer interested in this party

MSA-JT, T882

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888-490-43

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65 5th Ave

W. L. Garrison, Agent,  
Edison Electric Light Company,  
120 Federal Street.

Boston,

May 18, 1885.

W. L. Garrison  
Thomas A. Edison, Esq.  
New York.

Dear Sir,

Your favor of the 15th is at hand. I credit Mr. Howell with & myself with the contents. A courteous acknowledgment of our bill rendered, & an assurance that it should be settled at a certain date would have stopped further detention of dynamos. I shall look for your check on the 23d. I desire that it be mailed to me here sent to Brooklyn.

I get there only once a week.

Respectfully,

W. L. Garrison

Make out check dated  
21st May.

Franklin May 28/85  
N.A. Edison.

Dear Sir. We hand  
you the following.  
For amt of bill sent 237.54  
Co.

|              |       |               |
|--------------|-------|---------------|
| Mr Dwyer     | 7.57  |               |
| Mr Doubleday | 25.13 | 32.64         |
|              |       | <u>204.90</u> |

Co  
Mch 19. Pm Cash N.A.E. 186.15  
bal due \$ 18.75

which amt still stands on our books  
against you. as we very much wish  
to close it up. Your early attention  
to this matter. will greatly oblige

Yours truly  
Sanford Mauchester  
P. L. H.

OFFICE OF

# THE PIQUA EDISON ELECTRIC ILLUMINATING COMPANY.

DIRECTORS.

H. CLARK, Pres't. H. FLESH, Treas. H. K. WOOD, Sec'y. R. BLAISON. H. H. HOFFMAN. E. R. FARRINGTON. A. STAURT.

Piqua, Ohio, May 30 1885

Mr. Russell

Madison

As the list of wire you had in hand was mislaid and I did not turn up until this week. The wire is not as modern in style & size as our production as we have been getting. We can use at 18¢ per foot for Madison the following and 7¢ for wire:

|         |    |                          |   |       |
|---------|----|--------------------------|---|-------|
| 100 lbs | 18 | Red - Duplex             | 2 | Cable |
| 100 lbs | "  | 18 - White               | " | "     |
| 116 "   | "  | 16 Red                   | " | "     |
| 50 "    | "  | 10 Black & B. House wire | " | "     |
| 50 "    | "  | 10 White                 | " | "     |
| 36 "    | "  | 16 "                     | " | "     |

you had in hand say 20 or 30 lbs more or less of any of the different kinds & wanted to know their weight might send it awaiting your reply. Yours truly, J. H. Wood

P.S. Please tell Mr. Staughton I rec'd his letter regarding Pitt & Mr. Flish & myself will return

OFFICE OF

**The Edison Electric Illuminating Company**

OF NEWBURGH, N. Y.

Newburgh, N. Y., *June 4* 1885

*Mr. J. A. Edison*

*Dear Sir*

*I have received your letter of inst. asking me to send check for \$ 410.00 for balance due you. In reply I would say that I cannot pay this without authority from the Directors of our Co. I will lay the matter before them at their next meeting. I will also say that we are very short of money now, and will be still after the short-lighting season is over.*

*Yours, respectfully,*

*Wm. C. R. R. R.*  
*Edison*

OFFICE OF

# THE PIQUA EDISON ELECTRIC ILLUMINATING COMPANY.

## DIRECTORS.

H. CLARK, Pres't. H. FLESH, Treas. H. K. WOOD, Sec'y. R. BLAISON. H. H. HOFFMAN. E. R. FARRINGTON. A. STAUR.

Piqua, Ohio, 6/5<sup>th</sup> June 1885

Samuel Insull

New York June 3<sup>d</sup> & noted. In reply  
you either are not posted in price of wire  
or something wrong. We are buying the  
latest wire which we claim has better  
insulation by comparison than Insul.  
It is also better pattern in grade  
being flat it lays closer to the ceiling or  
wall & is neater. We are buying this  
(and it is the best wire we have been able  
to get hold of) @ 22¢ & 29¢ according  
to size. Less 20% with another  
discount. I am sending you a receipt of goods  
& the price to Piqua. So you see  
my offer was a good one. If you  
were to see the wire made with you  
would agree with me. Insul. is old  
style & it would not work as well  
in the wall.  
Respectfully O. K. Wood

OFFICE OF

The Edison Electric Illuminating Company

OF NEWBURGH, N. Y.

Newburgh, N. Y. June 11 1885

Mr. Wm A. Edison

Dear Sir

I expect to be in New York to-morrow  
and will call at your office. I would  
like to have an interview with yourself  
or Mr. Powell with reference to the un-  
settled account you have against the  
Co. I will call between one o'clock  
and three o'clock P.M.

Yours truly

McW. B. B. B. B. B.  
Edison & Co.

GEORGE VALENTINE, President.

JAMES HARRIS, Secretary.

OFFICE OF

The Edison Electric Illuminating Co.  
of Bellefonte.

BELLEFONTE, PA.,

June 13th 1885

Edw. H. Johnston Esq.

Dear Sir. Your letter of 8th  
was recd 10th, and as soon as possible re-  
ferred to Ch. of Finance Comt. - We feel  
you do the urgent need of a settlement  
with Mr Edison, while at the same  
time we feel that he has interests  
identical with our own; but at present  
we are not in a situation to make  
an immediate settlement, and I  
can only say that our Finance Comt  
will at the earliest possible moment  
make such arrangements, as will  
complete that (to us as well as to you  
or to Mr Edison) very desirable  
result. With sincere regards

Yours Truly, James Harris Secy

Thamodin Pa June 20-85

Chas. D. Denty

President E. E. & C.

Dear Sir

Employing with instructions given me to reduce to writing my views and knowledge of certain questions at issue, Chief of which is the practicability of running our small Engine with the large one with the Dynamos working in multiple. I would say first that there is a strong probability that we will be called upon this fall to furnish current for from 1700 to 2000 lamps. This will require the assistance of our small (84 x 10) Eng. At no time since this station has been running have we been able to properly control the regulation of this Eng for three whole days at a time notwithstanding the constant attendance of Mr. Doubleday for nearly 4 months. The presence at three different times of an Amington & Sims representative and the expenditure of considerable money. Our excessive lamp breakage has in part time and again been attributed to the racing of this Engine. (We have never had this trouble with the large Eng). Recently Mr. Andrews & myself spent a part of two days in the effort to standardize our Volt meters with the small Engine running, Exhausting all patience with it. He said (quoting his own language) "Damn this Engine it is only a waste of time trying to work with it" and added that he believes the Eng in question has as much to do with our breakage as anything else. Putting aside the question of lamp breakage we have an evil of another kind to contend with which may involve us in serious trouble viz the running of Dynamos in multiple with heavy load. Given by an ungovernable Engine, that I may be the

better understood, I will here explain the troubles that are  
 likely to arise. To successfully work two sets of Dynamos connected  
 in Multiple, it is necessary that each Dynamo or Compound shall  
 generate and maintain the same Electromotive force or pressure  
 which means that both Eng's must maintain as nearly as  
 possible their normal speeds. Any variations in speed causes  
 a corresponding change in E.M.F. which rises & falls with  
 the former. Hence if with a load of 2000 lamps, the small  
 Eng. drops her speed, the E.M.F. of the large Dynamos will  
 drive their current through the small ones and the entire load  
 of 2000 lamps will not only be thrown on the large Dynamos  
 but they will be compelled to carry the small Dynamos along as  
 motors - if the large Dynamos are equal to the emergency will & you  
 if not we stand a fair chance of burning out our Armatures.  
 The experience of our Cumberland friends - which however has  
 been due to the fact that they had no means for telling whether  
 or not each Dynamo was assuming its share of the work.  
 Just here I will state that even with a better Engine we are liable  
 to the above wild results we have an Ampere meter for  
 each Dynamo to indicate the work being done - - -  
 When our mains are reinforced at certain places, the  
 additional bridge wires are built and our feeders fully equipped  
 with equalizers as suggested in Mr Andrews report to the  
 Edison Light Co. and our small Eng. replaced with a heavier  
 one I am of the opinion that our system will be in  
 good working order & that we shall see some valuable  
 results. In addition to this (to say nothing of another large  
 Eng. & two more large Dynamos) we should have the Ampere  
 meters above referred to and a standardizing clock meter

the latter to enable us to keep our indicators in proper  
order and to take an occasional reading of pressure at  
Lamps in different parts of the system.

Very Respectfully Yours

Wm. I. Brock  
mgr

Henry J. Campbell

Frank H. McCormick

Campbell & McCormick

Successors to

Schneider & Co.

Insurance & Real Estate

32 Willow Street

Williamsport, Pa. June 20 1885

Thos. A. Edison Esq

Dear Sir - Yours of the 3<sup>d</sup> inst. was duly received - I inclose herewith Certificate No. 51, of the Edison Electric Illuminating Co. of Sunbury for four shares of stock, duly assigned to you, and being in full of amount agreed to be paid to you by the Promoters of the Sunbury Co. in consideration of your accepting stock instead of cash for your account against the Company -

As to the further stock referred to by you I have only to say that I have no control over it and refer you to the other promoters or to the officers of the Company. I have disined of my entire interest in the Sunbury Co. and am no longer connected with it in any capacity whatever -

Hoping that your other Electric Light Plants may be more successful than the Sunbury Plant, and wishing you success in all your various enterprises, I am

Yours Very Truly

Frank H. McCormick

Office of Garfield Coal Co., Lim.  
WM. H. DOUTY, Manager,  
MAKER AND SHIPPER OF  
-1 RED ASH COAL, -1  
FROM THE  
Garfield Colliery.

Shamokin, Pa., July 2<sup>nd</sup> 1880  
E. A. Johnson Esq  
N. P. E. & L. Co.

65 Fifth Ave. N.Y.

Dear Sir

Replying to your letter June 5<sup>th</sup>, 1880 would  
say that the Trouble and Expense we have had from  
the starting of our plant up to the present time and  
some of the trouble since starting - Caused by the Marine  
Machinery &c furnished by Thos A Edison our Company  
do not feel disposed in any way to pay Mr Edison more  
money more than we have paid him - In law and  
Justice we do not owe him anything - I herewith  
enclose your letter from our Manager Mr Brooks to  
the which will explain its self - When our Committee  
was in N.Y. last met you and Mr Hastings. You  
stated positively our 8 1/2 x 10 Engine would do the  
work in connection with our large Engine and give

Office of Garfield Coal Co., Ltd.  
W.M. H. DOUTY, Manager,  
MAKER AND SHIPPER OF

RED ASH COAL,  
FROM THE  
Garfield Colliery.

2

To E. H. J. W.P. Shamokin, Pa., July 2<sup>nd</sup> 1885  
as full 600 - 10 Candle Power Lamp. This by  
Experiment we find to fail us - made of actual  
test by Mr. Bovee at different times also tested  
by our man Mr. Andrews - before we can think  
of settling with ~~the~~ Mr. Edison we must  
be made right - we think it an outrage  
being the Pioneer Co. to be compelled to stand  
the Expense of Experiment after Experiment -  
When our plant is put in proper order as  
originally agreed upon we will be ready to  
settle and talk to Mr. Edison not before

Very truly yours  
W.M. H. DOUTY  
Pres. E. & J. Co. of  
Shamokin Pa.



Cincinnati, July 7 1885

Thomas A. Edison, Esq.  
Dear Sir,

I write once more  
to find out whether you cannot be  
the means of securing me a position  
of some kind in the line of Electrical  
Engineering. The Ohio Co. is doing nothing  
to speak of, nor does it look much as tho'  
it will in the immediate future.

I have been living on Expectations  
so long now that a pass has been reached  
when it becomes necessary for me to  
do something very quickly.

I shld like most any kind  
of work with one pay fairly for the  
present. I don't doubt that the Central

The OHIO EDISON ELECTRIC  
INSTALLATION CO.  
THE EDISON INCANDESCENT LIGHT,  
NO. 51 WEST FRONT STREET,



✓

Cincinnati, \_\_\_\_\_ 188

Station business will soon pick up again, & that then I will find plenty to do.

In case you know of nothing just now, I sh'd be very much indebted to you if you will try to bear me in mind, and I also wish to ask the favor of you that you will send me a letter of recommendation as far as you feel justified in doing. I am really in a bad fix from a financial standpoint & a letter from you recommending my services w'd be of great value to me. I sincerely hope that I shall hear favorably from you.

Very respectfully yours

Edward Leonard

THE EDISON  
Electric Light Company.  
THE EDISON COMPANY FOR  
ISOLATED LIGHTING.



JOHN R. MARKE,  
MANAGER MICHIGAN DEPARTMENT.  
153 Griswold Street.

Detroit, Mich

July 18<sup>th</sup> 1885

Chas. Batahelon  
New York,

My Dear Sir

The enclosed clipping is from today's Detroit "Free Press", from which you will see that the question of putting the telephone wires underground is about settled.

Will you kindly send this to the Supt. of the Tube Works with request that he send me full information regarding their underground system with samples of all kinds they manuf. for both telephone and electric light. — Would like samples of junctions and such definite information as will enable me to negotiate with these people here.

Very truly yours,

John R. Marke.

Form No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been assumed to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, but in any case where the claim is not presented in writing within sixty days after sending the message.

This is an **UNREPEATED MESSAGE**, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECHERT, General Manager.

NORVIN GREEN, President.

| NUMBER | SENT BY | REC'D BY | CHECK |
|--------|---------|----------|-------|
| 11     | Hub     | 1872     |       |

Received at

Dated

To

Received at \_\_\_\_\_ 1887 ✓  
 Dated New York 7/18  
 To J. J. Insull  
 Under Charge  
 Lieberman Detroit says am. anxiously  
 awaiting reply to my recent letter  
 organization perfected and all  
 ready for action  
 Randolph

GEORGE VALENTINE, President.

JAMES HARRIS, Secretary.

OFFICE OF

The Edison Electric Illuminating Co.,  
of Bellefonte.

BELLEFONTE, PA.,

July 23<sup>rd</sup> 1885

Thomas Edison Esq.

Dear Sir. Yours of 22<sup>nd</sup>  
with regard to bids against us is rec<sup>d</sup>  
and in reply I would say that the  
matter shall be laid before our  
Directors at a meeting to be called  
in a few days, and will receive  
attention at the earliest possible  
moment

Yours truly

James Harris Esq

[TO SAMUEL INSULL]

Dear Sir, Yours of 22<sup>nd</sup> inst  
has been about from home  
for several days. There is to be  
a meeting of Directors of our Bri-  
nest Creek when the weather re-  
ferred to will be attended to.  
Yours &c. *Robert H. Smith*  
*Gen. Charles M. Smith*

OFFICE OF

# THE PIQUA EDISON ELECTRIC ILLUMINATING COMPANY.

DIRECTORS.

H. CLARK, Treas. H. FLEISH, Treas. H. K. WOOD, Sec'y. R. BLAIRSON. H. H. HOFFMAN. E. R. FARRINGTON. A. STAURTY.

Piqua, Ohio, Aug 3<sup>d</sup> 1885  
Thos A Edison Esq  
New York

Dear Sir

I see by the Paper that  
there was quite a serious accident at  
Mt McEldridge by lightning which I had some-  
-derstood was are Light Cysters but I see  
by Edison Bulletin No 6 that it was the  
Edison Light in there. Now this is a subject  
that should have a little serious consideration  
as people are very ticklish about it at best

At Piqua the Lightning arrester was all  
in good shape yet during a storm the  
lightning went into a house & set fire  
to the covering on the fixture & if not discov-  
-ered at once would have set the house  
on fire. we have had about three occurrences  
of this kind in different places and you  
know if anything serious happens it would  
also be serious to business. Are you not  
just come over on the track of this subject  
& have it examined into a little

I intended to go down to you office the next day  
but having got left of women got all flustered  
and did not get down to you office until the next day

Another thing you may or may  
not remember that when you  
were so "cussed" mean as to come  
to Cincinnati last winter & not  
call to see us, that you told me you  
would be out here this summer  
now the question is did you lie  
to get rid of me - did you lie by  
accident or, did you lie intentionally  
or - Did you tell the truth and  
are you still coming -

I have just submitted a bid at  
Dayton for a 1000 light Plant and  
the U.S. Co bid \$800 below me on my  
own specifications & Win Dayton  
if they doubt that I want to quit  
the business but we propose to  
try a little Ohio law first on  
them. Edison look into this  
Lightning business a little and  
also come to Ohio.

Yours Truly  
Al Stuart

OFFICE OF

**The Edison Electric Illuminating Company**

OF NEWBURGH, N. Y.

Newburgh, N. Y., *Aug 3* 188*5*

*Mr Sam Insull*

*Private Secy*

*Dear Sir*

In reply to yours of 22d ult. I write you that our Directors would meet this week. We expected to have had a meeting this Wk. but on account of the absence of our Pres. we have been obliged to postpone it for two or three weeks. As soon as the meeting is held and the matter you write about is acted on I will advise you.

*Yours truly*

*W. L. R. Mearns*  
*Secy & Treas.*

THE EDISON  
Electric Light Company.

THE EDISON COMPANY FOR  
ISOLATED LIGHTING.



JOHN R. MARKLE,  
MANAGER MICHIGAN DEPARTMENT.

153 Griswold Street.

Detroit, Mich.

Aug 12<sup>th</sup> 1885

Saml. Insul  
New York  
Dear Sir

Your favor regarding  
underground tubing is at  
hand.

I now have a very competent  
and well known gentleman  
representing me in Indiana  
and when you are ready will  
try and work up some business  
for you in these two States.

I expect to be in New York  
next Monday and will be pleased  
to discuss this matter fully.

Very Truly Yours,  
John R. Markle

OFFICE OF

The Edison Electric Illuminating Company

OF NEWBURGH, N. Y.

Newburgh, N. Y. Aug. 17 1885

Mr Samuel Insull  
Private Secy Mr. A Edison.

Dear Sir.

The Directors of our Co.  
met this day and the matter of Mr  
Edisons claim against us was  
brought before them. While we were  
disposed to insist upon some material de-  
duction being made in the amount claimed  
(for reasons which have been stated to you)  
yet we finally concluded to save any  
further trouble and discussion by giving  
you our note for the amount at our  
months from date - without interest.  
I therefore enclose the same signed by our  
Pres. and Treas. and must ask ~~you~~  
for a receipt in full from Mr Edison

Yours respectfully

W B Gifford  
Pres & Treas.

oooooooooooo000oooooooooooo  
oooooooooooooooo000oooooooooooooooo

Williamsport, Pa. Sep. 7th, 1885.

Samuel Insull Attorney for Thos. A. Edison,

65 Fifth Avenue, New York city.

Dear Sir:-

Your letter and statement of Sep. 4th as to the account of the Sunbury, Shamokin, Mount Carmel, and Bellfonte companies are duly received. It is possible I will have to ask for items of the Sunbury account. I will meet the Sunbury Board to-morrow, and you will hear from me after that conference.

Very truly,

A. B. Shaw

Williamsport Pa Sept 9/85  
Samuel Insull Esq  
No 65 Fifth Ave New York  
Dear Sir

At a Meeting of the Directors of  
the Sunbury Co last night your proposals  
of settlement dated Oct 11, 1884, and  
referred to in your Memorandum to me  
of Sept 4<sup>th</sup> 1885, state that your claim is  
\$2400.- that you will deduct the sum  
of \$750. dollars, and accept in full  
payment, one half Cash, & half Stock.

After reading the reports of the  
President & Secretary in regard to the  
liabilities and assets of the Co (a memora-  
ndum of which I herewith enclose) the  
Board directed the payment of your  
claim \$2400. dollars, less rebate \$750. dollars  
balanced \$1650. dollars in Stock —

You will see by the enclosed statement  
that to pay any portion of the claim in

cash would be impossible with the present  
Co., and to pay in stock they are compelled  
to borrow \$400, dollars, as they only have  
\$1250. of unissued stock in the Treasury

The Bill of the A. B. & Co. is in the  
hands of Sumbury Atty for collection, and  
is held, out of courtesy pending negotiations  
of settlement -

At about 10.00 clock last night the  
lights all went dead out. - but came up  
again in about ten minutes - I did not  
learn the cause of it, but it was raining &  
I suspect it was a short circuit -

Let me know by return mail if this  
is satisfactory Truly Yours  
R B Sharpe

The Statement of accounts of the Sumbury  
 W Co submitted by the Secy & Treas  
 at the Meeting last Night Sept 9/95 showed

|                         |                |
|-------------------------|----------------|
| Cash in Treasury        | \$ 102.55      |
| Uncollected Light Bills | 393.23         |
| Unissued Stock (at par) | <u>1250.00</u> |
| Total Assets            | 1745.78        |

### Liabilities

Several accounts, all now due, include  
 - ing a judgment obtained last week  
 for \$50. dollars \$ 4105.36

The Board estimated actual cash  
 value of above assets at \$750.-

THE EDISON COMPANY  
FOR ISOLATED LIGHTING.

SECRETARY'S OFFICE,  
65 FIFTH AVENUE,

New York, Sept. 18<sup>th</sup> 1885

Thos A Edison

To R. B. Shaw

Dr.

Commission for Settlement of  
Edison Claims against the  
~~Edison~~ Thomson and  
Bellifant Edison Electric  
Eliminating Companies  
\$85.25

Please pay to Edward H.  
Johnson or order the  
above bill and oblige

R. B. Shaw

Accepted payable  
on final close  
of settlement.

Thos A Edison  
By Paul Insull atty

Mr. Cannel  
Belleville  
Ill.  
Sept 19th 1885

Sept 19th 1885

Dear Sir, All men by their conduct  
The Thomas A. Edison of the  
City of New York, part of the  
first &

a capacitor organized  
existing under the laws of the  
State of New York, part of  
the same part, for and in  
circumstances of the same of  
an order by each of the  
other part, the receipt  
whereof is hereby acknowledged  
that, released, with claims &  
grants discharged, & by these  
present to be released, with  
claims of release discharge the  
other from any and all manner  
of claims, damages, debts & loss  
existing <sup>between them</sup> ~~between them~~ <sup>between them</sup> ~~between them~~  
particularly from any real  
claims, debts & demands, con-  
tracts & agreements arising or  
existing under a certain contract  
made between the parties  
hereto for the installation  
of an Edison Electric Light  
Central Station Building  
the of dated the  
day of 15

In witness whereof the first of  
the first part has set his  
seal & seal, & the party  
of the second part has caused  
its Corporate name to be  
subscribed & its Corporate  
Seal to be affixed, by its  
proper officers & authorized  
agents this 2nd day of

1955

Suprema 5

James Harris.

James H. Pollock.

James Harris & Co.,  
Hardware.

Bellefonte, Pa. Sept 21<sup>st</sup> 1885

Thos A Edison  
65-5<sup>th</sup> and N.Y.

Dear Sir

Enclosed herewith please  
find notice of The Edison  
Electric Ill. Co. of Bellefonte  
drawn at <sup>in 250 cents</sup> 2-4 & 6 months  
together with the release  
properly executed by the  
President & attested by the  
Secretary & sealed with the  
Corporate Seal.

Very truly yours

J. B. Shaw

Williamsport Pa Sept 25<sup>th</sup> 1888  
Thos A Edison

65 Fifth Ave New York

Dear Sir

I herewith enclose Sixteen  
Hundred and Fifty dollars of the Stock  
of the Sunbury Electric Light Co. also the  
Agreement with said Co

The Company had only \$1250. dollars  
of the stock, but I loaned them Four  
Hundred dollars to make up the balance

Please acknowledge the receipt of  
this and oblige

Yours Truly

P B Shaw  
for ASM

THOMAS A. EDISON,  
President.

CHAS. BAYCHELOR,  
Treasurer and Gen'l. Manager.

EDISON MACHINE WORKS,

CABLE ADDRESS:  
"XYDSUN NEW YORK."

Nos. 92 to 108 GOERCK STREET,

New York, Oct. 5, 1885.

Samuel Insull, Esq.,  
65 Fifth Ave., City.

Dear sir:--Enclosed please find statement of Sunbury  
account for \$353.49. I send you this so that you will  
know what the amount is when you make your settlement with  
the Sunbury Company. Please give us all the cash  
you can and settle the matter as quick as possible.

Truly Yours,

Edison Machine Works,

By

*Chas. Satchelor*

Gen'l Manager

One enclosure.

MT Central Oct 23<sup>rd</sup> 1895  
Due to Thos. A. Edison  
48 shares of paid up stock of  
assessable of The West Central  
Edison Electric Light Co on demand  
per value per share fifty dollars  
Wm Schenck  
Pres

H. H. HOFFMAN, Pres.

A. STUART, Sec'y and Treas.

H. WORTHINGTON, Vice-Pres.



Cincinnati, Oct. 27 1885  
J. A. Edison Esq.  
65 Fifth Ave.  
New York City.

Dear Sir:

Will you please send  
me one of your Lamp books such as  
you furnished the Central Stations  
installed by you & oblige

Yours Truly

Ohio Edison Electric Co.  
J. H. Attenberg

Oct 31 - 1885

H. HOFFMANN, President.

H. WORTHINGTON, Vice-President.

A. STUART, Secretary and Treasurer.



THE EDISON INCANDESCENT LIGHT,  
Room 2, Bradford Block.

Cincinnati, December 9th 1885

Thos. A. Edison Esq.

65 Fifth Avenue.

New York City.

Dear Sir:-

I do not suppose there is much use writing you this letter as I have frequently done so before but not under the same circumstances. and I trust you will treat it as strictly confidential.

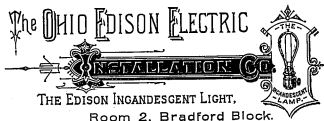
As you are aware we have made quite a large extension in the Middletown plant. We are lighting the streets of the whole city and people are very enthusiastic in their praise of the light. This you will remember is where we closed up the Brush Co. and I think with a little extraordinary effort, with good success we can also close up the Gas Co., but what I want to say to you is that I am very uneasy about the plant. Everything now is in splendid condition and it is running in fine shape, but I was up there last evening, <sup>and</sup> ~~but~~ a little accident happened that showed Mr. Hoffman and myself who were present that its success seems to hang upon a slender thread. The electrical work was planned and put up by Mr. Leonard in whom I had great confidence and it



Cincinnati, 188

must be said works very nicely, still there is some difference in its electrical system and your regular three wire system but just how and where I am not capable of explaining. We have almost exclusively the business lighting and the streets. The plant is something to be proud of and I think it will do you good to see it, but we have a very large investment there, over \$40,000. in cash and a good chance to make a monopoly of lighting in Middletown provided everything works with success, but I am very uneasy about the very great care which it is necessary to exercise to run it successfully. Much depends upon our avoiding any slips or accidents. My Co. are exceedingly timid about it; There are many other things in the state here that depend upon its success. The Brush Co. are threatening to bring in incandescent lights, etc. etc. but the only thing I am afraid of is "is it put up as it ought to be, permanently".

Now in view of the <sup>Magnitude of the</sup> ~~new~~ investment, the amount at stake both in money and business I wish to ask if it is within the range of possibilities for you to come out and examine it, of course it is a different plant from anything in existence



Cincinnati, ..... 188

and would be an object of interest. If there is any possibility of your coming out please telegraph me and I will meet you any time and possibly go back east with you. While you were here I would like for you to look at some plans for Cincinnati. I would not make this request unless I had a deep conviction of its necessity.

Please treat this as strictly confidential and telegraph me upon receipt of it.

Yours truly.

*A. Stuart*

*P.S. I shall be under great obligations to you if you will come - and am pretty sure to go back with you*  
*Yours Stuart*



The Edison Electric Light Company,

—AGENCY FOR—

Delaware, Maryland, Western Pennsylvania, Virginia, West Virginia  
and New York.

ADDRESS: 85 Fifth Avenue, New York, N. Y.  
2 Kane Building, Baltimore, Md.  
704 State Street, Erie, Pa.  
Ulster, New York.

Erie, Pa. Dec. 20<sup>th</sup> 1885.

Mr. Thos. A. Edison

Dear Sir:-

I have given Mr. Cochran of Lehigh, Pa. a letter of introduction to you. He has become interested in a patent for underground conduits, likewise myself. We would like to have you look at the patent and see if it is practicable or full of faults. Mr. Cochran is largely interested in our electric light Co. at Lehigh. He will probably visit you during the week. I hope this infliction will not draw on your time or patience too much.

Very truly yours  
Henry A. Clark.

THIS AGREEMENT, made the \_\_\_\_\_ day of \_\_\_\_\_, 188\_\_\_\_, by and between the EDISON ELECTRIC LIGHT COMPANY, a corporation created and existing under the laws of the State of New York, and having its principal office in the City of New York, herein called the LIGHT CO., party of the first part, and *The Edison Electric Illuminating Co. of New Brunswick, N.J.*, a corporation created and existing under the laws of *New Jersey* and having its principal office in the City of *New Brunswick*, herein called the LICENSEE, party of the second part:

WITNESSETH:

WHEREAS a certain agreement, dated the *16<sup>th</sup>* day of *June*, 1885, has heretofore been entered into by and between the Light Co. and a certain other corporation, to wit, the Sprague Electric Railway and Motor Company (herein called the Motor Co.), a copy of which agreement is hereto annexed, marked Exhibit A, reference to which is now made for greater particularity; and

WHEREAS the said Licensee has heretofore been granted a license by the Light Co. for a certain territory, the same being fully described and set forth in a certain agreement heretofore made by and between the Light Co. and the said Licensee, bearing date the *25<sup>th</sup>* day of *July*, 1885, reference to which is also made for greater particularity; and

WHEREAS the said Licensee desires to secure for its licensed territory, as aforesaid, the advantage and benefit of the aforesaid contract between the Light Co. and the said Motor Co., the same being hereto annexed, marked Exhibit A, as aforesaid; and the Light Co. is willing to consent thereto;

NOW, THEREFORE, in consideration of the premises and of the advantages to be derived from this agreement by each of the parties hereto, it is declared and agreed as follows, that is to say:

FIRST.

As regards the territory heretofore or hereafter granted to the said Licensee by the Light Co., pursuant to the aforesaid license agreement between the Light Co. and the Licensee, dated the *25<sup>th</sup>* day of *July*, 1885, the said Licensee hereby assents that the Light Co. may on and after this date include the aforesaid Licensed territory of the Licensee, within the provisions of the said agreement, Exhibit A, that is to say the Light Co. may, for the purposes of the manufacturing, selling, supplying and using of motors by the said Motor Co., as provided for in the said agreement, Exhibit A, and only for those purposes, consider and treat the aforesaid present and future licensed territory of the said Licensee, as subject to the provisions of that agreement,

Exhibit A, with the same force and effect as if it, the said licensed territory, belonged to the Light Co. But it is distinctly understood and agreed that the assent on the part of the Licensee, as above given in this section of this instrument, applies and relates only and exclusively to the manufacturing, selling, supplying and using of motors by the said Motor Co., as provided for in the said agreement, Exhibit A, and not otherwise.

#### SECOND.

As regards the aforesaid present and future licensed territory of the said Licensee, and all motors sold, furnished, or used therein, the Light Co. hereby agrees that it will promptly and in good faith pay over to the Licensee any and all royalties it may receive from the Motor Co., under and pursuant to the said license agreement, Exhibit A, and more especially to the eighth section thereof; and further agrees that if the Licensee should at any time prefer to have such royalties paid directly to it, instead of through the mediation of the Light Co., it, the said Light Co., will require the Motor Co. to pay such royalties directly to the said Licensee, as more particularly provided for in the fourth subdivision of the eighth section of the said license agreement, Exhibit A.

#### THIRD.

The Light Co. will promptly furnish the Licensee with any and all information it may receive or obtain from the Motor Co., whether by means of monthly statements or otherwise, relating to the subject matter of the said license agreement, Exhibit A, or to this agreement, as regards the said licensed territory of the said Licensee.

#### FOURTH.

It is expressly understood and agreed that the said Licensee does not intend to, and does not, in any way whatever, bind itself or assume any liability, in consequence of its executing this agreement, either to the Light Co. or to the Motor Co., save and except as specifically and expressly set forth herein.

IN WITNESS WHEREOF, the respective parties hereto have caused these presents to be executed by their respective officers thereto expressly authorized, and their several corporate seals to be hereto affixed and attested, at the City of New York, the day and year first above written.

J. M. Fichter Hazleton Pa

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Appleton Edison Light Co -  
Appleton Wis.

---

J. H. Luick  
Williamsport Pa

---

Edison El. Illuminating Co  
Fall River Mass

---

Edison El. Illuminating Co  
Ashland Pa -

---

Edison El. Illuminating Co -  
Williamsport Pa -

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Des Moines Edison Lights Co -  
Des Moines Iowa.

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Edison El. Illuminating Co -  
Lumburg Pa -

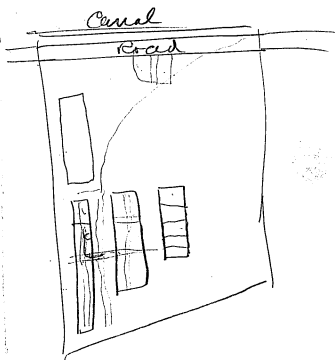
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Edison El. Illuminating Co -  
Belleville Pa

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(New Orleans)

1885



**1885, Electric Light - Edison Electric Illuminating Companies -  
Accounts (D-85-024) [not filmed]**

This folder contains bills and receipts for the Thomas A. Edison Construction Department and various local illuminating companies.

**1885. Electric Light - Edison Electric Illuminating Company of New York (D-85-025)**

This folder contains correspondence and other documents relating to the business of the Edison Electric Illuminating Company of New York, which operated the Pearl Street central station. Included is a cost estimate for a second central station in New York City.

Approximately 50 percent of the documents have been filmed. The following categories of documents have not been filmed: routine company correspondence, such as letters enclosing checks or calling for the payment of stock installments; routine notices for meetings of the board of directors; bills; duplicate copies of selected documents.

The Edison Electric Illuminating  
Company of New York  
16 & 18 Broad Street.

New York, April 19<sup>th</sup> 1887

Wm. A. Edison Esq. to 5<sup>th</sup> Ave  
New York

Dear Sir

We have credited your  
Settlement account on our books, with  
the balance (\$4,000) due on your stock,  
and if you will present your Stock  
at this office we will have your  
fully-paid stock issued therefor.

Yours truly

Wm. A. Edison  
Secretary

167800-1041  
22700

May 1<sup>st</sup> 1885.

## ILLUMINATING CO. SECOND DISTRICT..

|                                |              |
|--------------------------------|--------------|
| Increase Capital stock to..... | \$1,500,000. |
| Issue new stock.....           | 500,000.     |
| do 6 per cent Bonds.....       | 300,000.     |

\$800,000.

which offers for \$500,000. Cash.

|  |          |
|--|----------|
| For each \$500. each subscribers would receive |          |
| 5 shares stock at \$50.....                    | \$250.00 |
| 3 shares Bonds at 83 1/3%.....                 | 250.00   |

\$500.00

For each \$100. each subscribers would receive

|                                     |         |
|-------------------------------------|---------|
| 1 share stock at \$50.....          | \$50.00 |
| 3/5 of a 6 per cent bond at 83 1/3% | 50.00   |

\$100.

The interest on bonds alone for each \$100. invested would be  
\$3.60 or over 3 1/2 per cent per annum.

In addition would be the dividends from stock estimated at 8 per  
cent as follows:

|                                |            |
|--------------------------------|------------|
| Receipts from 1st. District... | \$ 40,000. |
| do do 2nd. do ...              | 100,000.   |

\$140,000.

|                               |         |
|-------------------------------|---------|
| Deduct interest on Bonds..... | 18,000. |
|-------------------------------|---------|

|                   |            |
|-------------------|------------|
| Net earnings..... | \$122,000. |
|-------------------|------------|

This would be 8 per cent on Capital stock of \$1,500,000. or new  
subscribers would receive on stock and Bonds 11 1/2 per cent.

~~The Light Co. to waive all right to new stock and Bonds but  
to retain all it now owns. The Light Co. would then pay away  
1/2 per cent of the Capital stock of the Illum. Co.~~

Guarantee that the Capital stock shall not be further increased.

If Bonds are sold at par and stock retained, the latter would  
stand at \$40 per share to the subscribers, and if 8 per cent is  
paid on stock (the par value of which is \$100 and costs \$40) it  
would be equivalent to 20 per cent per annum on the investment.

If Stock and bonds are both sold at par there would be a  
profit by selling of 60 per cent.

## ILLUMINATING CO. SECOND DISTRICT.

|                                 |              |
|---------------------------------|--------------|
| Increase Capital stock to,..... | \$1,500,000. |
| Issue New stock.....            | 500,000.     |
| " 6 per cent Bonds,.....        | 300,000.     |

\$300,000.

which offer for \$500,000. Cash.

|  |          |
|--|----------|
| For each \$500. cash subscribers would receive |          |
| 5 shares stock at \$50.....                    | \$250.00 |
| 5 Bonds at 83 $\frac{1}{8}$ .....              | 250.00   |

\$500.00

|  |         |
|--|---------|
| For each \$100. cash subscribers would receive               |         |
| 1 share stock at \$50.....                                   | \$50.00 |
| $\frac{3}{8}$ of a 6 per cent Bond at 83 $\frac{1}{8}$ ..... | 50.00   |

\$100.00

The interest on Bonds alone for each \$100.  
invested would be \$3.60 or over 3  $\frac{1}{2}$  per  
cent per annum.

In addition would be the dividends from  
stock estimated at 8 per cent as follows:

|                                |            |
|--------------------------------|------------|
| Receipts from 1st. District... | \$ 40,000. |
| " " 2nd. " ...                 | 100,000.   |

\$140,000.

|                               |         |
|-------------------------------|---------|
| Deduct interest on Bonds..... | 18,000. |
|-------------------------------|---------|

|                   |            |
|-------------------|------------|
| Net earnings..... | \$122,000. |
|-------------------|------------|

This would be 8 per cent on Capital stock \$1,500,000.  
or new subscribers would receive on stock and Bonds 11  $\frac{1}{2}$  per cent.

If Bonds are sold at par and stock retained, the latter would  
stand at \$40 per share to the subscribers, and if 8 per cent is  
paid on stock (the par value of which is \$100. and costs \$40.)  
or would be equivalent to 20 per cent per annum on investment.

If Stock and Bonds are both sold at par there would be a  
profit by selling of 60 per cent.

The Light Co. to waive all right to new stock and Bonds.

Guarantee that the Capital stock shall not be further increased.

*The Edison Electric Illuminating  
Company of New York,  
~~155 Broadway~~  
16 Broad St*

(Dictated)

*New York, June 10 188*

Samuel Insull Esq.

Dear Sir:

In obedience to a resolution of the Trustees of the Edison Electric Illuminating Co. of New York regarding unpaid subscriptions, I have this day sold your subscription to four shares of stock at \$50 a share, the amount due thereon.

Yours &c.

*Frederick B. Richmond*  
President

THE EDISON ELECTRIC ILLUMINATING CO. OF NEW YORK,  
65 FIFTH AVENUE.

New York, 24<sup>th</sup> June 1885

Dear Sir:

A. Special meeting  
of the Board of Directors of the Edison Electric Illuminating  
Company of New York, will be held at the office of

Presel Morgan & Co on Friday  
the 26<sup>th</sup> day of June 1885 at 3.00  
o'clock P.M.

Very Respectfully,

J. S. Hastings  
Secretary.  
J. S. H.

To consider the matter of Uptown Station,  
and such other matters as may come  
before the meetings.

The Edison Electric Illuminating Company of New York,

65 Fifth Avenue,

STENOGRAPHIC

New York June 27th. 1885. 188

J. A. Edison

Dear Sir:-

At a meeting of the Directors of this Company called for yesterday, no quorum being present, the meeting was adjourned until, Monday, the 29th. inst., at the offices of Messrs. Drexel, Morgan & Co., at 3 o'clock P. M.

Since several members of our Board are absent from the City, I have been directed urgently to request your presence at Monday's meeting, in order that a quorum may be present.

As already stated in the notice sent you, the object of the meeting is to consider a proposition for an up-town station.

Yours truly,

*J. Hastings*  
Secretary.

THE EDISON ELECTRIC ILLUMINATING COMPANY  
OF NEW YORK.

16 BROAD ST.,  
New York, July 17th, 1885. }

DEAR SIR:

I take pleasure in announcing that a quarterly dividend of one per cent., being the *first* dividend on the capital stock of this company, is payable on August 1st, 1885, to shareholders of record at the closing of the transfer books July 22d, 1885.

If you will kindly fill up and send me the enclosed order, the amount of this and of all future dividends on stock in your name will be sent by mail to your address.

I transcribe an extract from the minutes of the meeting at which the dividend was declared, which exhibits the present financial condition of the company.

EXTRACT FROM MINUTES.

"The President then exhibited a detailed report of the earnings and expenses of the company, showing that the net earnings for the six months ending June 30th, 1885, after paying all expenses, of every description, were \$25,666.90.

"The President further stated that the company is now absolutely free from floating debt of any kind, the debt incurred in increasing the capacity of the Pearl street station having been entirely paid for from earnings, and that after such payment, and after payment of all outstanding accounts for current supplies, &c., there remained from earnings a sum of \$10,539.40 cash on hand, applicable to dividends.

"Whereupon, on motion, duly seconded, it was resolved that a quarterly dividend of one per cent. on the outstanding capital stock of this company be, and the same is hereby declared, payable on and after August 1st, 1885, to the stockholders of record at the closing of the transfer books on July 22d, 1885; and that for the purpose of such dividend the transfer books be closed on July 22d, 1885, at 2 o'clock P. M., and reopened on August 3d, 1885, at 10 o'clock A. M."

For your further information, I may state that the long pending questions between this company and the Edison Electric Light Company (arising from the excessive cost of the Pearl street station, as originally installed), have at last been settled in a manner satisfactory to your Board, by the deposit by the Light Company, in trust, of 1712 shares from the stock of your company heretofore held by it—the stock so deposited to be used in promoting the installation of an uptown station, and, meanwhile, to forego all claims to dividends; consequently, dividends are payable only on 8288 shares of stock upon which the earnings of the last six months are at the rate of over 6½ per annum.

Very respectfully,

J. B. SKEHAN,

Treasurer.

Personae Schuyler N. Warren & Co.  
51 Exchange Place.

New York, 12<sup>th</sup> Oct. 1885

Thomas A. Edison Esq<sup>re</sup>  
65 Fifth Avenue  
City

Dear Sir

Edison Electric Illuminating Co.

We have an order to buy  
100 shares of the stock of this Company  
We can pay you \$57 1/2 pr share net

Yours very truly

Schuyler N. Warren

Edison "Parent" appd @ 55  
do Isolated " @ 42 1/2

S. M. W. C.

OFFICE OF THE EDISON ELECTRIC ILLUMINATING COMPANY OF NEW YORK,

16 BROAD STREET,

NEW YORK CITY, DECEMBER, 23, 1885.

The annual meeting of the stockholders of the Edison Electric Illuminating Co. of New York, will be held at the office of the Company as above, on Tuesday, the 19th day of January, 1886, at 12 M., to elect thirteen Trustees for the ensuing year, and to transact such other business as may come before the meeting.

Action will also be taken by the stockholders at said meeting upon a proposition to increase the capital stock of the Company from \$1,000,000 to \$2,500,000; and in case said proposition is adopted, the amount of such increase, less the amount then due the Edison Electric Light Co. for license rights, will be offered for subscription to the stockholders of record on the books of this Company at the close of business on Saturday, December 26, 1885. For the purpose of such meeting, and also for the purpose of making such offer of increased stock if said proposition is adopted, the transfer books of this Company will be closed from Saturday, the 26th day of December, to Tuesday, the 19th day of January, both dates inclusive.

Other important matters connected with the future development of the Company's business will also come before the meeting.

In case you cannot be present at the meeting, will you kindly execute and return the enclosed proxy to J. B. Skehan, Assistant Secretary, No. 16 Broad St., New York City.

SPENCER TRASK,  
F. S. SMITHERS,  
CHARLES BATCHELOR,  
F. R. UPTON,  
E. H. JOHNSON,  
C. H. COSTER,  
J. HOOD WRIGHT,  
ERASTUS WIMAN,  
C. E. CHINNOCK,  
F. S. HASTINGS,

} A Majority of the Trustees.

Secretary.

**1885. Electric Light - Edison Electric Light Company (D-85-026)**

This folder contains correspondence, agreements, an annual report, and other documents relating to the business of the Edison Electric Light Company. Much of the correspondence is by Eugene Crowell, president of the company, and by Frank S. Hastings, secretary. Related material can be found in the Primary Printed Collection (Company Records Series).

All the documents have been filmed except for routine notices for meetings of the board of directors.

1485  
151.20  
35  
116  
Edison Electric Light Co.,

65 Fifth Avenue, City.

Dear Sir:-

Referring to our several interviews, with reference to the various claims I have against your Co., and your request that I should make a statement of same to you in writing, I beg to draw your attention to the fact that under my contract with your Co. I am entitled to receive from them, under certain conditions, \$100,000. in cash. As I consider that this money is now due, and in view of the fact that there is a large balance due by me, under my subscription to the increase in the capital stock of the Co., I shall be glad to have an adjustment of my claim of \$100,000., the same being set off against the amount which I owe on the stock. In making a settlement of this matter, I desire Mr. Batchelor's stock to be considered as part of my own.

With relation to the various disbursements made by me, on behalf of your Co., I beg to hand you herewith statement showing an expenditure of \$38,261.04 in connection with experimental work, with the view to the perfection of a system of electric railroads. I would remind you that under my contract with your Co. the interest in electric railroad patents is divided as follows:- fifty two per cent to your Co., twenty four per cent to myself and twenty four per cent to raise the necessary capital for further work. In view of the changed circumstances with relation to the disposition of the Railroad interests I agreed to accept one third and to your Co. taking two thirds of any proceeds that may be received from the railroad patents. I would like to have this arrangement

(by THE)

9th January 83

formally ratified by contract, and I would impress upon you that care should be taken by your Co., so that my personal interests may be protected, with a view to my being reimbursed the amount of the account above referred to. Inasmuch as your Co. only spent one half the amount which I have spent, I think that they should agree to an arrangement by which they and myself shall be reimbursed out of pocket expenses, in connection with this business, in exact proportion to the amounts each has expended. That is, if \$30,000. is received on account of this joint expense, \$20,000. should come to myself and \$10,000. to the Co. In addition to the amount of \$38,261.04, I am entitled to receive from your Co. an amount equal to that paid me for my first experiments on electric railroading, which amounted to about \$10,000.

I also beg to hand you herewith account of the Construction Dept. for \$15,345.58, being for work done in connection with the engineering portion of your Co's. business. At the time of the formation of the Construction Dept. arrangements were made between Major Eaton and myself by which the Engineering Dept. of your Co. was practically abolished. I took over most of the employees of your Co's. Engineering Dept., and arranged to make canvasses of cities and do all the necessary engineering work in connection with the making of estimates for central station plants. If I obtained a contract for the installation of a plant I was to bear the engineering and canvassing expenses applying to such plant, but in the event of a failure to obtain a contract this expense was to be borne by your Co. The above referred to account is for such expenses. I may mention that, under the instructions of the Auditing Committee appointed by the last Board of Directors, your Treasurer, Mr. Hastings, made a careful audit of this account,

for which purpose I placed at his disposal all my vouchers and books of account. He can bear witness to the fact that not a cent of profit was made on this account, but that it represents cash actually paid out by me.

When installing the first village plant I found that many improvements of a minor character were necessary, in order to adapt our system to the requirements of town and village lighting. I accordingly engaged the necessary experts to improve the then existing instruments, and to produce others which were requisite. Mr F. J. Sprague was engaged entirely on this class of work, and in working up a system for the more rapid determination of conductors. I hand you herewith an account of \$2,748.04, being the amount I paid him.

In consequence of defective instruments, and the non-existence of others, I was compelled to keep my experts at stations for a period far beyond what would have been necessary had the system been complete, so far as it applied to village work. In this connection I spent \$2,212.18, for which I also beg to hand you a statement.

I also hand you a statement of extraordinary lamp breakage, \$194.10, alterations on pressure indicators, \$202.50 and an account for experimental work \$169.04

The results of these various expenditures is that your Co. has to-day a system which they can readily put up in small towns and villages, without going to any further expense in the way of experimental work for this purpose, and although the several accounts above quoted by no means represents my losses in connection with the Construction Dept., owing to defective instruments, they form what I believe to be a fair claim against your Co. from which

they have and will derive benefit. I may mention that the cost of the present pressure regulator, used by your Co., and so absolutely necessary for the proper working of its system, is in the above accounts. This instrument was invented by Mr. F. J. Sprague, whilst working for the Construction Dept., and will be assigned to your Co. on the settlement of the above accounts.

It being necessary to obtain certain legislation in New Jersey to enable your Co. to enter into the illuminating business in that State, Major Eaton, at my request, on behalf of the Co., agreed to bear the expenses in connection with getting the necessary bill passed through the N. J. Legislature. The amount expended by me in effecting this was \$1,753. Major Eaton gave a check for \$1,000. on this account, and stated that this was all he was authorized to pay, as he had assured his Board that I had stated that the expenses would not be more than this amount. All I can say to this is that Major Eaton must have misunderstood me, as at the time I spoke to him about the matter I knew the expenses would have to be paid, and was in fact paying them, in addition to having promised \$1,000., which was payable after the passing of the Act required. I have therefore paid \$753. more than I received from Major Eaton, and hand you herewith an account for same.

The amount of \$2,175.25 is for services rendered by Mr. Jas. A. Russell, in connection ~~xxxx~~ with your Co's. patent business. Mr. Russell was employed by me to do detective work in hunting up evidence with relation to our interference cases.

The account \$1,389.42, for experimental work, is for a portion of my ordinary experimental expenses which your Co. has usually paid from week to week, but for some reason, which I do not

understand, the amounts in the above referred to account were not paid to me.

I disbursed the sum of \$388. in working up an agitation in the daily press, having in view the injury of the gas interests, and more especially those of the water gas companies, for which amount I hand statement herewith.

The account of \$2,075., paid by me to Mr. V. John C. Tomlinson, is for services rendered in connection with your Co's. business, mainly in connection with interference cases, and the working up of evidence with a view to taking action against infringers of the lamp patents. I engaged Mr. Tomlinson because I was very much dissatisfied with the conduct of the legal portion of your Co's. patent affairs, and considered that my patents were not receiving the attention which they should have received, and the only means by which I could see my way clear to getting an improvement was by engaging counsel at my own expense.

I may mention that, in addition to the above, I have spent at the Edison Machine Works upwards of \$30,000. in improving the various types of dynamos now used by your Co. This experimental account has been written off by the Machine Works to profit and loss, and it is not my intention to make any claim for same. I have also expended <sup>upwards of</sup> \$5,000. in my efforts to place the Central Station of the First District on a paying basis. I paid this sum to Mr. C. E. Chinnock, in consideration of the extraordinary efforts he made to bring the station from a state of absolute failure to one of perfect success.

I am very anxious to have the various claims, set forth above, recognized at the earliest possible moment, and I desire to have a

cash settlement for the various accounts which represent money  
paid out by me.

*Yours very truly*

THE EDISON ELECTRIC LIGHT CO.,  
6 FIFTH AVENUE.

New York,

January 30 1885

Thomas A. Edison, Esq

Dear Sir:

Enclosed please find a letter from  
Major Eaton, General Counsel, with the proposed  
supplemental contract between the Light Co. and the  
Electric Tube Co., to replace the papers which were  
lost.

Will you please give early attention  
to this matter, in accordance with the instructions  
contained in the papers herewith.

Yours very truly  
Eugene Crowell  
President  
per M

[185-6.]

THE EDISON ELECTRIC LIGHT CO.,  
25 FIFTH AVENUE.

New York, Feb 14 1885

Dear Sir:

A special meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.,  
will be held at the office of Steele Morgan & Co  
on Thursday the 15<sup>th</sup> day of February,  
1885 at 3<sup>15</sup> o'clock P. M.

By order

J. S. Hastings  
Secretary.

By Attest

The special object of the meeting is to  
consider the present condition of our  
patents; a statement will be made  
by our counsel, who will be present  
at the meeting. - A full attendance  
is earnestly requested.

Mr. Insull:

The Committee having charge  
of the Tuba Co. Contract is pressing me  
to have the matter completed. I  
sent the papers to Mr. Edison some time  
ago - Will you please inform me what  
progress has been made.

Eugene C. Lowell  
Pres.  
per m

Feb 6/85

(8550-a.)

THE EDISON ELECTRIC LIGHT CO.,  
65 FIFTH AVENUE.

New York, 11<sup>th</sup> Feb. 1885

Dear Sir:

A special meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.,  
will be held at the office of Arceel Morgan & Co.  
on Thursday the 12<sup>th</sup> day of February  
1885 at 3.15 o'clock P.M.

By order

J. P. Hasting.  
Secretary.

G. A. Devoe

The purpose of the meeting is to  
hear the report of Mr. Tomlinson  
in relation to securing the services  
of Mr. Everts.

(255-0.)

THE EDISON ELECTRIC LIGHT CO.,  
65 FIFTH AVENUE.

New York, 14<sup>th</sup> Feb 1885

Dear Sir:

A Special meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.,  
will be held at the office of Wheeler Morgan & Co  
on Monday the 16<sup>th</sup> day of February  
1885 at 3.15 o'clock P.M.

By order

J. A. Edison {

J. S. Hastings  
Secretary.  
E. A. Bess

To Consider —

1. Proposed Railway Agreement.
2. Proposition of Thomson Houston  
Co. for New England.

New York, 16<sup>th</sup> Feb. 1885

Thomas A. Edison Esq.

Dear Sir,

The Board meeting of this Company to be held this afternoon, is transferred to the Office of General Park & Co., in consequence of the death of Mr. Francis Biesel.

Mr. Johnson, wishes me to inform you that it is most essential for you to be present, in order to form a quorum.

Kindly use your best endeavors to be present.

Yours respectfully,

J. P. Hastings.

Secretary.  
J. P. Hastings

July 24<sup>th</sup> 1885

J. Russell Ely

Dear Sir,

There is due on Subscription  
of W. S. Perry to last Advance of  
Capital stock \$62.<sup>60</sup> being 20% on 3  $\frac{1}{10}$  shares,  
also, 20% due on Subscription of  
Ad. Warden to  $\frac{3}{10}$  of share, \* 16.<sup>80</sup>

The above stock I believe  
belongs to Mr. Edison, and you  
said you would give check for  
it. I am closing up all the  
delinquent subscriptions, and as I  
do not want to have this sold  
with the others, will you kindly  
let me have a check in a day  
or two.

Yours very truly  
Eugene Cassanell  
President

62.60  
16.80  
79.40

THE EDISON ELECTRIC LIGHT CO.,  
65 FIFTH AVENUE.

New York, 10<sup>th</sup> March 1885

Dear Sir:

A special meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.,  
will be held at the office of *Nrexel Morgan & Co*  
on *Thursday* the *12<sup>th</sup>* day of *March*  
1885 at *3.15* o'clock *P.*M.

By order

*J. S. Hastings*  
Secretary.  
*J. S. Hastings*

*to consider draft form of license from  
Bergmann & Co. to fixture Manufacturers,  
with special reference to restrictions imposed  
upon Bergmann & Co by the Light Co*

THE EDISON ELECTRIC LIGHT CO.,  
63 FIFTH AVENUE.

New York, 27<sup>th</sup> March 1885

J. A. Edison Esq.

Dear Sir:

A Special meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.,  
will be held at the office of Alexander Mungau & Co  
on Monday the 30<sup>th</sup> day of March  
1885 at 3.15 o'clock P.M.

By order

J. S. Hastings.

Secretary.

J. A. Rogers

To Consider

Draft of License by Light Co. to  
Isolated Co., as prepared by Major Eaton,  
and,  
Giving note for legal bill of Roscoe  
Conkling.

THE MERCANTILE AGENCY

## R. G. DUN, &amp; CO.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED  
DATE 01-28-2001 BY 60322 UCBAW/STP

THE PRESENT OFFICERS ARE: GEO. W. HEDGECOCK, PRESIDENT; JAMES  
LITZBERGER, TREASURER; AND LEONARD A. CURTIS, SECRETARY.

UNITED STATES ELECTRIC LIGHTING CO.,-----NEW YORK CITY .

MARCH 15TH, 84.. 59 LIBERTY STREET. THIS IS AN INCORPORATED COMPANY ORGANIZED UNDER THE LAWS OF THE STATE OF NEW YORK IN JUNE 1878 WITH A CAPITAL STOCK OF \$250,000; DIVIDED INTO 2,500 SHARES OF \$100 EACH, ALL ISSUED FOR PATENTS. THE OFFICERS & INCORPORATORS OF THE COMPANY AT THAT DATE WERE, SPENCER D. SCHUYLER, PRESIDENT; GEO. R. WILLIAMSON, SECRETARY AND HIRAM S. MAXIM MANAGER. IN OCTOBER 1880 THE COMPANY WAS RE-ORGANIZED, WHEN THE FOLLOWING TRUSTEES WERE ELECTED:- CHAS. R. FLINT, OF W. R. GRACE & CO., PRESIDENT; HENDON PHELPS STOKES, OF PHELPS, STOKES & CO., HENRY B. HYDE, PRESIDENT OF THE EQUITABLE LIFE INSURANCE CO.; ROBERT B. WINTURN, OF GRINNELL, WINTURN & CO., LOUIS FITZGERALD, PRES. OF THE MERCANTILE TRUST CO., G. W. JAMES, DANIEL B. HATCH, OF HATCH & FOOTE, THOS. H. HUBBARD, OF BUTLER, STILLWELL & HUBBARD & MARCELLUS HARTLEY, OF HARTLEY & GRAHAM. AT THAT DATE THEY CLAIMED TO HAVE A CAPITAL OF \$1,000,000, OF WHICH \$220,000 WAS PAID IN, IN CASH, \$530,000 ISSUED FOR PATENTS AND PROPERTY NECESSARY FOR THE BALANCE AND THE BALANCE IN THE TREASURY. IN THE EARLY PART OF 1883 THEIR CAPITAL STOCK WAS INCREASED TO \$1,500,000 AT WHICH FIGURE IT STILL REMAINS. THEIR ANNUAL STATEMENT FOR THIS YEAR RECENTLY FILED, SHOWS THAT OF THAT AMOUNT \$970,000 HAS BEEN PAID IN IN CASH AND \$530,000 ISSUED FOR PATENTS AND OTHER PROPERTY. THEIR LIABILITIES BEING STATED AT \$321,067.77.

WE FIND BY A COMPARISON OF THEIR PRESENT STATEMENT WITH THE ONE MADE A YEAR AGO THAT THEIR LIABILITIES NOW SHOW A MATERIAL INCREASE, THIS INCREASE THEY ACCOUNT FOR BY THE FACT OF THEIR HAVING ADDED TO THEIR PLANT SO THAT THEY HAVE ASSETS TO REPRESENT THE GREATER PART OF THIS INCREASED LIABILITY.

THE BUSINESS IS BELIEVED TO BE IN A PROSPEROUS CONDITION AND LAST YEAR THEY PAID THREE DIVIDENDS OF 5 PER CENT EACH, MAKING 15 PER CENT FOR THE YEAR, IT BEING THE FIRST YEAR THEY HAD PAID DIVIDENDS. THE COMPANY ARE IN EXCELLENT STANDING AND CREDIT ALTHOUGH NOT ALWAYS STRICTLY UP TO THE MARK IN PAYING THEIR OPEN ACCOUNTS, BUT THIS IS NOT THOUGHT TO BE FROM ANY LACK OF MEANS, BUT IS ATTRIBUTED TO THEIR BILLS NOT BEING PROMPTLY AUDITED.

THE PRESENT OFFICERS ARE, GEO. W. HEBARD, PRESIDENT; LOUIS FITZGERALD, TREASURER AND LEONARD E. CURTIS, SECRETARY.

L.L.

UNITED STATES EMPLOYING CO. - NEW YORK CITY

EUGENE T. LYNN, PRESIDENT.

ROBERT W. HARTLEY, SECRETARY.

MAY 9TH 24. 22 LIGHTLY: TACET.

THE MERCHANTILE AGENCY

THIS IS A MORTGAGE NOTE WHICH WAS MADE BY THE COMPANY A

[illegible]

NOV-28-82 3 51 PM '82  
HON. AS THE PRESIDENT AND VICE PRESIDENT OF THE UNITED STATES  
AND WHAT THE PRESIDENT OF THE UNITED STATES DOES NOT ALWAYS PAY FOR  
RESPONSIBILITY. BUT THE PRESIDENT ARE WILLING TO HOLD THEM UP TO A RESPONSIBILITY  
MAINTAIN AS THE PRESIDENT AND VICE PRESIDENT OF THE UNITED STATES NOW HAN EVER BEFORE.

PROFIT AND ARE GENERALLY REWARDED GOOD FOR BUSINESS ENGAGEMENTS. MONTHS AND GIVE THEIR NOTES, WHICH WE ARE ALWAYS MET AT VARIETY PRESS CONFERENCE IN THEM AND THEY HAVE BUT THE BULK OF THEIR GOODS ON 3 & 4. EX-CEP- TIONALLY IN THE BARE HANDS AS HERE.

1.1

„O. W.

UNITED STATES ILLUMINATING CO.-----NEW YORK CITY.

EUGENE T. LYNCH, PRESIDENT.

JOSEPH W. HARTLEY, SECRETARY.

MAY 9TH, 84. 59 LIBERTY STREET.

THIS COMPANY WAS ORGANIZED IN JUNE 1881, UNDER THE GENERAL LAWS OF THE STATE OF NEW YORK, WITH AN AUTHORIZED CAPITAL OF \$1,000,000, IN SHARES OF A PAR VALUE OF \$100, EACH, OF WHICH \$200,000, WAS ISSUED FOR THEIR FRANCHISES AND \$800,000, FOR CASH OR ITS EQUIVALENT. THE COMPANY IS THE SOLE GRANTEE OF ALL PATENTS AND RIGHTS OWNED BY THE UNITED STATES ELECTRIC LIGHTING COMPANY, FOR THE CITY OF NEW YORK & ADJACENT COUNTRIES. THEIR SWORN STATEMENT, FILED JANUARY 1884, SHOWS CAPITAL STOCK OF \$1,000,000, ALL ISSUED AS ABOVE DESCRIBED AND LIABILITIES OF \$136,213.24.

THIS IS A MUCH BETTER SHOWING THAN WAS MADE BY THE COMPANY A YEAR AGO, THEIR PRESENT LIABILITIES BEING ONLY ABOUT ONE THIRD, WHAT THEY WERE AT THAT TIME.

THE BULK OF THEIR INDEBTEDNESS HAS ALWAYS BEEN TO THE PARENT COMPANY AND THE MATERIAL REDUCTION OF THEIR LIABILITIES WAS EFFECTED BY ISSUING STOCK AT PAR TO THAT COMPANY, SO THAT THEIR PLANT HAS COST THEM \$800,000, AND IS WORTH THAT TO THE COMPANY, ALTHOUGH ITS REALIZABLE VALUE WOULD BE DIFFICULT TO ESTIMATE.

THEY HAVE SOME GOOD CONTRACTS FOR STREET LIGHTING, THEIR LIST OF PATRONS IS STEADILY INCREASING AND IT IS SAID THEIR RECEIPTS ARE NOW LARGER THAN THEIR EXPENSES AND THEIR CONDITION IMPROVING, BUT THEY HAVE NOT, AS YET, PAID ANY DIVIDENDS. THEY BUY LARGELY OF THE PARENT COMPANY AND WHAT THEY PURCHASE OF OUTSIDE PARTIES THEY DO NOT ALWAYS PAY FOR PROMPTLY, BUT THE TRADE ARE WILLING TO SELL THEM UP TO ANY REASONABLE AMOUNT, AS THEIR POSITION WOULD APPEAR TO BE BETTER NOW THAN EVER BEFORE.

NOV-22-84. 59 LIBERTY STREET.

THE MANAGEMENT AND OWNERSHIP OF THIS CO., ARE IN THE SAME HANDS AS HERETOFORE, PARTIES WHO SELL THEM RIGHT ALONG, AND OFTEN LARGE AMOUNTS EXPRESS CONFIDENCE IN THEM THEY NOW BUY THE BULK OF THEIR GOODS ON 3 & 4 MONTHS AND GIVE THEIR NOTES, WHICH WE ARE TOLD ARE ALWAYS MET AT MATURITY. THEY ARE DOING CONSIDERABLE BUSINESS AND CLAIM THEY ARE DOING IT AT A PROFIT AND ARE GENERALLY REGARDED GOOD FOR BUSINESS ENGAGEMENTS.

N.O.

L.L.

2<sup>nd</sup> Sept 5

My Dear Batchelor,

I enclose forty shares  
of Edison Electric Light Co  
stock being the balance of  
the certificate for 100 shares  
which you gave me  
yesterday.

I will return you  
the fifty shares, which you  
loaned me, as soon as  
Edison is well enough  
to go down town

Yours sincerely,

Sam Lunnell

(1023-a)

THE EDISON ELECTRIC LIGHT CO.,  
65 FIFTH AVENUE.

New York, 2<sup>nd</sup> April 1885

Dear Sir:

An adjourned meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.,  
will be held at the office of Nicol Morgan & Co  
on Monday the 6<sup>th</sup> day of April  
1885 at 3.15 o'clock P.M.

By order

J. S. Hastings  
Secretary.  
J. S. Hastings

To Consider: -

Draft of License by Light Co. to Spalding  
Co, as prepared by Major Eaton; and,  
Giving note for legal bill of Roscoe  
Coddling.

(3030-a.)

THE EDISON ELECTRIC LIGHT CO.,  
65 FIFTH AVENUE.

New York, April 4<sup>th</sup> 1885

Dear Sir:

An adjourned meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.,  
will be held at the office of Nigel Morgan & Co.  
on Monday the 6<sup>th</sup> day of April  
1885 at 3:15 o'clock P.M.

By order

J. S. Hastings  
Secretary.  
J. S. Hastings

<sup>4</sup> is to consider, in addition to notice of April 2<sup>d</sup>,  
Call on Electric by Subscriptions, <sup>certain contracts,</sup> and  
other important business.

THE EDISON ELECTRIC LIGHT CO.,  
65 FIFTH AVENUE.

New York, 11 April 1885

Dear Sir:

A special meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.,  
will be held at the office of Nesbit Morgan & Co.  
on Wednesday the 15<sup>th</sup> day of April  
1885 at 3.15 o'clock P. M.

By order

J. S. Hastings  
Secretary.  
I attested.

J. A. Edison & Co.

To Consider,  
The question of amending  
Contract between Light Co. and Isolated  
Co., approved at last meeting of Board,  
and to consider, agreement for settlement  
of claims between Light Co., Mr  
Edison, and others

April 13 1887

Thos. A. Edison Esq  
President

Dear Sir

There has just been mailed  
to your address a notice of meeting  
of Light Co., to be held on Wednesday  
the 14th inst. at Messrs. Dresser Morgan & Co's  
building, to consider especially amendments  
to the contract between Light and Isolated  
Companies.

This is one of the most important  
matters that has ever been presented  
to the Board, and I am very anxious  
to have you present.

Hoping you may find it  
convenient to be there, I am

Yours very truly  
Eugene Crowell

Electric Light Co  
No Profit and Loss  
Expects Avertine May 1<sup>st</sup> 1885

|            |           | Salary & Allowance             |   | Expenses   | Total        |
|------------|-----------|--------------------------------|---|------------|--------------|
| Sumner     | Andrews   | Sept 1 - 27 <sup>th</sup> 1883 | ✓ |            |              |
| "          | "         | Oct 1 - 4 <sup>th</sup>        | ✓ |            |              |
| "          | "         | Feb 1 - 10 <sup>th</sup> 1884  | ✓ | 325.50     | 21 12 346 62 |
| "          | Doubleday | " 14 - 21 <sup>st</sup>        | ✓ |            |              |
| "          | "         | Mar 21 - 28                    | ✓ |            | 3            |
| Shamolin   | Andrews   | Sept 23 - 30                   | ✓ |            |              |
| "          | "         | Oct 4 - 8                      | ✓ |            |              |
| "          | "         | Feb 10 - 16                    | ✓ | 521.50     | 15 27 536 77 |
| "          | Conant    | Oct 1 - Mar 30                 | ✓ |            |              |
| "          | Doubleday | Feb 21 - 28                    | ✓ |            |              |
| "          | "         | Mar 9 - 21                     | ✓ |            |              |
| Brockton   | Andrews   | Oct 8 - 11                     | ✓ |            |              |
| "          | "         | " - 22 - 31                    | ✓ |            |              |
| "          | Leonard   | Nov 1 - 24                     | ✓ | 236.00     | 6 50 242 50  |
| "          | Perry     | Dec 20 - Jan 7                 | ✓ |            |              |
| Lawrence   | Andrews   | Dec 2 - 7                      | ✓ |            |              |
| "          | Conant    | Dec 1 - 25                     | ✓ | 90.00      | 9 00 99 00   |
| Fair River | Spencer   | Jan - 1 <sup>st</sup> - 28     | ✓ |            |              |
| "          | Doubleday | Jan 1 - Feb 14                 | ✓ | 244.00     | 244 00       |
| Tiffin     | Beves     | Feb 1 - Mar 28                 | ✓ |            |              |
| "          | Conant    | " 1 - 14                       | ✓ | 207.50     | 8 28 215 78  |
| Mt Carmel  | Doubleday | Mar 2 - 9                      | ✓ |            |              |
| "          | Leonard   | Jan 17 - 21                    | ✓ | 131.32     | 6 00 137 32  |
| "          | Andrews   | Feb 14 - 21                    | ✓ |            |              |
| Belleville | Andrews   | Mar 1 - 7                      | ✓ |            |              |
| "          | Perry     | " 1 - 28                       | ✓ | 222.50     | 6 19 228 69  |
| "          | Lynman    | " 1 - 28                       | ✓ |            |              |
| Logleton   | Spencer   | Feb 15 - Mar 21                | ✓ | 160.00     | 1 50 161 50  |
| "          | Andrews   | " 21 - 28                      | ✓ |            |              |
|            |           |                                |   | \$ 2212 18 |              |

This was allowed us as a final  
settlement as per agreement dated  
April 23<sup>rd</sup> 1885

THE EDISON ELECTRIC LIGHT CO.,  
25 FIFTH AVENUE.

New York, 2<sup>nd</sup> May 1885

Dear Sir:

A special meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.,  
will be held at the office of Jesse Morgan & Co  
on Monday the 11<sup>th</sup> day of May  
1885 at 3-15 o'clock P.M.

By order

J. S. Hastings  
Secretary.  
J. S. H.

J. A. Edison & Co.

To confirm arrangement made by Isolated  
Co, with American Electric Mfg Co, and  
for such other business as may come before  
the meeting.

To the Board of Trustees  
of the Edison Electric Light Company.

Dated May 25, 1885.

Report  
of ~  
Special Committee  
on the use of the  
Sprague Motor.

The Special Committee of One, appointed to make recommendations on the use of the Sprague Motor, respectfully reports, that in his opinion it is desirable that an arrangement should be made whereby these motors shall be introduced as much as possible among our Licensees, generally, and especially, as consumers of the current of our Central and Village plant stations, on terms advantageous to the companies operating such stations. It is, of course, impossible to limit the sale of these motors to our stations only, but in the belief that the interests of our Licensee Companies would be materially advanced by using the motors and incidentally by securing to our said Licensee Companies a royalty on all Sprague motors to whomsoever sold within their respective territories, your Committee has negotiated with Mr. Sprague a conditional arrangement on the basis of such royalty.

Before any privileges of manufacture involving the use of some of our patents (which Mr. Sprague thinks would increase the efficiency of the motor,) can be given to the Sprague Company, the consent of Bergmann & Co. and the Edison Machine Works, who at present hold our exclusive licenses to manufacture motors, has to be secured, and forms of contract for this purpose are appended hereto.

There are also submitted for your consideration the form of contract between the Light Company and the Sprague Company, contract of assent on the part of our Licensee Companies, and finally a form of circular which it is recommended that the Light Company send to its Licensees explaining the advantages to accrue to them from approving the arrangement.

The Section in the Bergmann & Co. contract, relating to fixtures, has no bearing on the motor subject, and is simply

inserted to cover certain modifications as to fixtures which  
your Board recently authorized and which would otherwise  
have to be the subject of a separate contract.

Very respectfully,

C. H. Foster,  
Special Committee,  
Edison Electric Light Company.

New York, May 25, 1885.

## THE EDISON ELECTRIC LIGHT COMPANY,

65 FIFTH AVENUE,

New York, May 25th, 1885.

DEAR SIR:

For some months past we have been negotiating with the Sprague Electric Railway and Motor Company with a view to securing for our Central and Village plant companies, the use of the Sprague motor on the most advantageous terms.

A practical motor has been a want seriously felt in our system, and the value of it as a consumer of electric current, especially during hours of daylight, when the maximum of current is not required for lighting purposes, can be easily appreciated.

The Sprague motor is believed to meet to the fullest degree all the exigencies of the case, and the Edison Electric Light Company feels that it can safely recommend it to its licensees as the only practical and economic motor existing to-day.

In the course of our negotiations with Mr. Sprague, it was found that his motor could be rendered even more efficient, though only to a slight degree, if he were allowed to combine in it some of our armature and brush patents, and we have finally agreed to allow him to do so, subject in each instance to the approval of our Central and Village Station Companies, and in consideration of his paying them through our company a royalty of three per cent. on all motors sold by the Sprague Company to any parties whomsoever within the respective territories of such Central and Village Station Companies.

Our own company has no interest whatever in the Sprague Company and does not derive any benefit or profit directly or indirectly through this arrangement which we are prompted to make solely in the interest of the Central and Village plants in which we are shareholders and which we therefore desire to see developed in every possible way.

It is entirely optional with your company to consent or not, so far as your territory is concerned. Our advice is that you do consent and so secure to yourselves the royalty on *all motors to whomsoever sold* by the Sprague Company within your territory. If you do not consent, the Sprague Company will doubtless use other patents (as they involve only secondary details) and produce almost as efficient a motor, from which, however, you will not derive any benefit in the way of royalty. The Sprague Company also contemplates naming special prices for motors furnished to Edison illuminating companies if used to any considerable extent.

We enclose a copy of the conditional contract executed between our company and the Sprague Company, also two copies of the contract you should execute if you approve of same and desire to avail of the benefits thereof. On their return to us, our own company will then sign them and forward one copy for your files.

I enclose herein a circular setting forth the merits of the Sprague motor, and awaiting the pleasure of your advices, I am

Very respectfully,

F. S. HASTINGS,

Secretary of the Edison Electric Light Co.

[ATTACHMENT]

THIS AGREEMENT, made the            day of           , in the year one thousand eight hundred and eighty-five, by and between the FUSION ELECTRIC LIGHT COMPANY, hereinafter called the LIGHT CO., party of the first part, and the SPRAGUE ELECTRIC RAILWAY AND MOTOR COMPANY, hereinafter called the MOTOR CO., party of the second part, each of the said parties being a corporation duly organized and existing under the laws of the State of New York, and having its principal office in the City of New York;

WITNESSETH :

WHEREAS the Motor Co. is engaged, or proposes to engage, in the business of manufacturing or procuring or licensing to be manufactured, using or licensing others to use, and selling or licensing others to sell, electric motors of all kinds and to be used for all motor purposes wherever applicable, the same being manufactured principally under the inventions and patents of F. J. Sprague, belonging to the said Motor Co.; and

WHEREAS the Motor Co. desires to obtain from the Light Co. a license authorizing the Motor Co. to use certain patents belonging to the Light Co., relating to certain parts of the electric motors manufactured by the Motor Co., and more particularly relating to what is known as the armature and brushes and brush holders of electric motors, which license the Light Co. is willing to give;

NOW, THEREFORE, in consideration of the premises, and of the royalty hereinafter provided for, it is declared and agreed by and between the parties hereto, as follows, that is to say:

FIRST.

The Light Co. agrees to grant, and hereby does grant, to the Motor Co. a license (subject, however, to all the terms, conditions and limitations of this agreement) to manufacture, use and sell, and to license others to manufacture, use and sell, in all parts of North and South America, electric motors and all parts thereof, the said motors to be of all kinds and for all motor purposes and uses wherever applicable, under certain patents belonging to the Light Co., including any and all renewals, extensions and reissues thereof, for the United States, the Dominion of Canada, and all parts of North and South America, as aforesaid.

The following is a complete list of the said patents for both the United States and the Dominion of Canada:

*United States Patents.*

No. 263,140, dated Augt. 22, 1882.  
264,649, " Sept. 19, "  
265,785, " Oct. 10, "  
287,513, " " 30, 1883.  
297,582, " Apl. 29, 1884.  
297,583, " " "  
297,584, " " "  
297,587, " " "

*Canadian Patents.*

No. 11,857, dated Oct. 9, 1880.  
12,567, " Mch. 31, 1881.

[ATTACHMENT]

By mutual consent, lists of corresponding patents for the other countries of North and South America are herein omitted, but it is understood and agreed that any and all patents of the Light Co., for any and all other countries of North and South America, so far, and only so far, as said patents relate to the same inventions covered by the United States and Canadian patents mentioned above, are included in this agreement, and are covered by it, with the same force and effect as if severally recited herein.

SECOND.

It is agreed that for the purposes of this contract a motor is defined and declared to be an electrical machine driven by an electric current which it, the motor, converts back into available mechanical power, the said machine, viz., the motor, being thus distinguished from a certain other similar electrical machine known as a "generator," which is driven by a belt or other mechanical power, and converts the said power into electric current. The license herein provided for relates exclusively to motors, as aforesaid, and not to generators.

THIRD.

WHEREAS, owing to the fact that motors may under certain conditions be used as generators, it may happen that motors, manufactured either in whole or in part under this license, may be used in the hands of third parties, or their vendees, as generators, and that the Motor Co., although desirous of preventing it, may nevertheless be powerless to do so, now, in order to make the intention of the parties hereto as clear as possible in this regard—it is agreed that this license does not confer on the Motor Co. the right to manufacture, use or sell, nor license others to manufacture, use or sell, any electric machines covered by this agreement, for generators or for any other purpose than as motors, and that the Motor Co. will in good faith endeavor to carry out this provision without evasion by itself or its licensees, and will require a like agreement on the part of its licensees.

FOURTH.

WHEREAS, The Light Co. has already made certain agreements with, and granted certain licenses to certain parties, as to various portions of the territory of the United States; and, whereas, it is the understanding of the parties hereto that the license herein given does not relate to any of the aforesaid portions of territory heretofore granted to the said other parties or licensees—it is agreed that the license herein given is exclusive of any and all rights and privileges heretofore granted by the Light Co., but the Light Co. hereby agrees that it will use its best endeavors, in good faith, promptly after the signing of this contract, to procure the assent of all of the said parties and licensees, or as many of them as possible, to the provisions of this agreement, to the end that they shall be bound by this agreement with the same force and effect as the Light Co. is bound hereby. A list of all of the said agreements whereby rights, as aforesaid, have been given to other parties and licensees, is hereto annexed, marked Exhibit A, the Light Co. reserving the right to add to the said list any contracts heretofore made, if any there may be, that may now have been overlooked or omitted by inadvertence.

FIFTH.

WHEREAS, The Light Co. desires to reserve the right, and the Motor Co. now consents thereto, to make, in addition to the contracts above mentioned, other and additional contracts, of like purport or otherwise, in the

future, with such parties as the Light Co. may choose to deal with from time to time, relating to other and additional portions of the territory of North and South America—it is agreed that the Light Co. shall have the right, from time to time, to make contracts as aforesaid, and to dispose of any portion of the territory covered by this agreement, and thereupon to revoke and cancel the license herein given for said portions of the said territory, from time to time, but only for such portions as are thus actually contracted for with other parties, and not otherwise. And whenever any such contracts shall be thus made, the Light Co. will promptly notify the Motor Co. thereof, in writing, and will, as soon thereafter as it consistently can, acting in good faith with the Motor Co., use its best efforts to procure the consent of such new licensees, or as many of them as possible, to the provisions of this agreement.

## SIXTH.

The Motor Co. will, and hereby does, admit and acknowledge the validity of each and all of the patents mentioned above, and all the patents of the Light Co. covered by this agreement, together with the validity and utility of the inventions therein described or claimed; and hereby covenants that (1) unless this agreement shall be hereafter canceled by the Light Co., pursuant to the ninth section hereof, and (2) whether this agreement continues or not unless so canceled by the Light Co., and whether any adverse decision in an action at law or a suit in equity on any of such patents shall have been rendered or not, that it, the Motor Co., will not violate, infringe or test the validity of any such patents during their several terms of life as originally granted or afterwards granted or afterwards extended, unless limited by expiration of foreign patent, or the sufficiency of their specification, or the validity of the title of the Light Co. to any such patents or any of them, or aid and encourage others in doing so, save and except, however, that if any patents shall have been adjudicated invalid, in any action at law or suit in equity, and the Light Co. shall not have appealed therefrom, or if in the event of such appeals the final adjudication shall have been adverse to the validity of such patents, the Motor Co. shall then no longer be bound, as herein provided for, to admit and acknowledge the validity of such patent or patents, thus adversely adjudicated upon.

## SEVENTH.

The Light Co. will promptly notify the Motor Co. of any patentable inventions or devices which it may hereafter acquire, use or avail itself of from time to time while this agreement lasts, relating to the subject matter of this agreement, and more particularly relating to armatures and brushes, the same forming parts of electric motors, as aforesaid; and the Light Co. will grant licensees thereunder to the Motor Co., under the provisions of this agreement, in all cases where the Light Co. may have the legal right so to do, and the additional compensation, if any, to be paid therefor to the Light Co., from time to time, shall be determined by mutual consent. But it is expressly understood and agreed that the Light Co. makes the same reservations touching such licenses, to wit, licenses on inventions and devices hereafter acquired, as aforesaid, as it has made in the fourth and fifth sections of this agreement touching the license herein given under patents already acquired; that is to say, that the licenses provided for in this section are exclusive of any and all rights and privileges (a) heretofore granted by the Light Co. to other parties or licensees, or (b) at any time hereafter granted by the Light Co. to other parties or licensees, the Light Co. reserving the right to dispose, from time to time, of any portion or portions of the territory covered by this agreement, and thereupon to revoke and cancel all licenses that it may have given to the Motor Co., pursuant to the provisions of this section, for

said portions of the said territory, the same as provided for in the fifth section hereof, but the Light Co. will notify the Motor Co. of such licenses, and will, in good faith, endeavor to procure the assent of such new licensees touching the provisions of this section, in like manner as provided for in the said fifth section touching patents already acquired.

EIGHTH.

The Motor Co. hereby agrees to pay to the Light Co. the following royalty as compensation for the license herein given, and in the event of the failure of the Motor Co. to pay the said royalty, as herein provided for, the Light Co. shall have the right to declare the License Agreement *ipso facto* terminated. The said royalty is as follows, to wit:

(1) A royalty or sum of money equivalent to three per centum on either one of the three following prices, the same to be determined according to the facts and circumstances of each case, as follows, viz., either on (1) the net selling price, received by the Motor Co., on all motors sold by the Motor Co., its agents and licensees; or on (2) the customary net selling price, from time to time, on all motors supplied or furnished by the Motor Co., its licensees and agents, otherwise than by sale, to other parties; or on (3) the customary net selling price, from time to time, on all motors used either by the Motor Co., itself, or by its licensees and agents, themselves.

(2) The foregoing royalty is to be paid only once on each machine, including all repairs and replacement of parts thereof.

(3) On the first of each month a statement is to be prepared by the Motor Co. in such form, and verified in such manner, as the Light Co. may from time to time require, setting forth in detail all transactions of the previous month covered by this agreement, and the said royalty shall thereupon immediately become due and payable by the Motor Co., touching all transactions thus reported each month, and in the event of said royalty not being promptly paid within ten days, that is to say, by the tenth day of each month, as aforesaid, the Light Co. shall have the right to declare this License Agreement *ipso facto* terminated.

(4) The Motor Co. shall include in the monthly statement provided for above a full and complete list of all machines sold, supplied or used by it during the month, as aforesaid, with the destination and location thereof, and whenever such destination or location is included in the area or territory of any present or future licensee of the Light Co. in North or South America, the royalty accruing and paid to the Light Co. hereunder shall be promptly paid over by it to such licensee, without any reduction, but the Light Co. shall have the right at any and all times to require the Motor Co., either temporarily or permanently, in the option of the Light Co. to pay such royalties directly to such licensees, instead of through the medium of Light Co.

(5) The Light Co. shall at all times have reasonable access to all the books, accounts and records of the Motor Co., for the purpose of verifying the monthly statements above provided for.

NINTH.

This contract may be terminated by either party hereto on six months' written notice, and thereupon, at the expiration of the said six months, all rights and obligations herein set forth shall end, save and except as may otherwise be specifically provided for.

[ATTACHMENT]

IN WITNESS WHEREOF, the respective parties hereto have caused these presents to be executed by their officers, thereto expressly authorized, and their respective corporate seals to be hereto affixed and attested, at the City of New York, on the day and year first above written.



Exhibit A, with the same force and effect as if it, the said licensed territory, belonged to the Light Co. But it is distinctly understood and agreed that the assent on the part of the licensee, as above given in this section of this instrument, applies and relates only and exclusively to the manufacturing, selling, supplying and using of motors by the said Motor Co., as provided for in the said agreement, Exhibit A, and not otherwise.

*As regards the agreement, patent and rights licensed territory of the said licensee and all matters shall be determined or used therein.*

SECOND.

The Light Co. hereby agrees that it will promptly and in good faith pay over to the licensee any and all royalties it may receive from the Motor Co., under and pursuant to the said license agreement, Exhibit A, and more especially to the eighth section thereof; and further agrees that if the licensee should at any time prefer to have such royalties paid directly to it, instead of through the mediation of the Light Co., it, the said Light Co., will require the Motor Co. to pay such royalties directly to the said licensee, as more particularly provided for in the fourth subdivision of the eighth section of the said license agreement, Exhibit A.

THIRD.

The Light Co. will promptly furnish the licensee with any and all information it may receive or obtain from the Motor Co., whether by means of monthly statements or otherwise, relating to the subject matter of the said license agreement, Exhibit A, or to this agreement, as regards the said licensed territory of the said licensee.

FOURTH.

It is expressly understood and agreed that the said licensee does not intend to, and does not, in any way whatever, bind itself or assume any liability, in consequence of its executing this agreement, either to the Light Co. or to the Motor Co., save and except as specifically and expressly set forth herein.

FIFTH.

This agreement may be terminated by either party hereto on six months' written notice.

IN WITNESS WHEREOF, the respective parties hereto have caused these presents to be executed by their respective officers thereto expressly authorized, and their several corporate seals to be hereto affixed and attested, at the City of New York, the day and year first above written.

(955-a.)

THE EDISON ELECTRIC LIGHT CO.,  
25 FIFTH AVENUE.

New York, <sup>R</sup> June 1885.

Dear Sir:

A special meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.,  
will be held at the office of Nigel Morgan & Co  
on Sunday the 8<sup>th</sup> day of June  
1885 at 3:15 o'clock P.M.

By order

J. S. Hastings  
Secretary.  
J. A. E.

To Consider;

Spague Motor Agreements, and  
such other business as may come  
before the meeting.

J. A. Edison &

# Report

## of Special Committee

on unadjusted and  
disputed matters  
~ 10 ~

The Edison Electric Light Co.

The Edison Co. for Isolated  
Lighting,

The Edison Electric Il-  
luminating Co.

Dated, June 4, 1885.

Davis & Carson, Lithographers, 29 Nassau Street, New York.

## To the Board of Trustees of

The Edison Electric Light Company,  
The Edison Company for Isolated Lighting,  
The Edison Electric Illuminating Co. of New York:

The committee appointed collectively to report upon and recommend a basis of settlement of all matters now unadjusted or unsettled among your three companies, respectfully report to you and recommend as follows:-

They find:- That the Illuminating Co. is indebted to the Light Co. for cash advanced towards installation of first district, \$60,939.<sup>87</sup>, and for balance of license, \$15,039.34.

That the Illuminating Co. has paid the Light Co. on account of license:

|  |               |
|--|---------------|
| In cash                                      | \$ 63,760.66  |
| And in <u>Illuminating</u> stock at par      | 271,200.00    |
| Total paid                                   | \$ 334,960.66 |
| And balance due on license, to wit as above, | 15,039.34     |
| Making                                       | \$ 350,000.00 |

which was the amount contemplated as payable to the Light Co. for license for the 1<sup>st</sup> and 2<sup>nd</sup> district, viz:-

|                        |               |
|------------------------|---------------|
| 35 % on \$1,000,000    | \$ 350,000.00 |
| Leaving on \$1,000,000 | 650,000.00    |

which amount was estimated as more than sufficient for cost of constructing two districts. In this connection, your committee quote from the contract between the two companies, made at the time of the organization of the Illuminating Co., viz:

### Sec. 8:-

"At the present stage of the development of the "Edison Electric Lighting System," it is impossible for

"the Light Company to state otherwise than approx-  
 "mately the cost of a plant for a section or station, but  
 "it is the judgment of the Light Company acting in  
 "good faith towards the Illuminating Company, and  
 "designing so far as may be to afford in advance every  
 "possible information that the cost of the plant for  
 "each of the two sections or stations above specifically  
 "described, will be as follows, viz: - the cost for the  
 "plant of what is called the down-town station, ex-  
 "clusive of a building to be occupied for the boilers,  
 "steam dynamos, et cetera, will be about \$250,000.,  
 "and the cost for the other, or up-town station, also ex-  
 "clusive of said building, will be about the same amount."

x   x   x   x   x   x   x   x   x

"It is further agreed, that if the cost of said plants  
 "should exceed the estimates x x x x x the Illuminating  
"Company shall bear the cost of such increase."

Your Committee further find, that the Light Co.,  
 at the time of making said contract with the Illumin-  
ating Co., was not in possession of any reasonable  
 data such as would have enabled it, even approximately,  
 to fix the cost of either a down-town or an up-town dis-  
 trict as it assumed to do; and it may be said, in  
 a general way, that the Light Co. in fixing even an  
 approximate figure assumed a knowledge which, so  
 far as your Committee can ascertain, it had little  
 ground, beyond wild enthusiasm, to believe that it  
 possessed.

Events show that the estimates were entirely er-  
 roneous, the first district alone having cost about  
 \$750,000. cash, (or three times the Light Co's approximate  
estimate of cost) thereby absorbing the entire cash re-  
 sources of the Illuminating Co. and leaving it with a

debt (apart from the amount due the Light Co.) which well nigh proved its ruin and which has absorbed its entire net earnings up to the present time. Furthermore, the capacity of the station even now is 20% below what was originally the minimum contemplated, its present capacity being only about 8,000 lamps burning at one time, and under the most favorable circumstances, its earning capacity is only about 4 @ 5% on its stock.

In making this statement as to the lamp capacity originally contemplated, your Committee desire to say that they have been unable to ascertain, with any degree of accuracy, what that capacity was. The records, as your Committee are informed, do not throw any light on the subject, and verbal statements, made on recollection of the capacity contemplated, vary from 10,000 @ 20,000 lamps burning at one time. The absence of any distinct provision on this vital point illustrates how entirely the Illuminating Co. depended on the Light Co., and how utterly ignorant and inexperienced the Light Co. was, inasmuch as the capacity was not mentioned in the contracts and seems to have been scarcely contemplated, except in a vague and uncertain way.

Even now, with all the improvements of the last four years towards increased economy and efficiency, it is not estimated that an up-town district of the capacity originally contemplated, could be built on less than \$400,000 cash investment, consequently the actual cost of the two districts instead of being \$500,000, as represented by the Light Co. in the contract quoted from above, is about \$1,150,000, and probably something more. Even then the down-town district would be below the efficiency originally contemplated.

Under these circumstances it seems to your Committee

that the basis of license payment to the Light Co. originally adopted, is excessive and should be modified, especially as it may also be stated that the Light Co. no longer pretends to exact as much as 35% from License Companies. Not only is such a modification a matter of right and justice towards the Illuminating Co., but it is also sound business policy on the part of the Light Co., as without it there is no incentive to the Illuminating Co. to develop the present station further, or to proceed with the installation of other stations. The financial difficulties of the New York Station and the failure to start a station up-town have done more than any other one fact to retard the organization of Illuminating Companies in Boston, Philadelphia and throughout the Country generally.

Your Committee recommend that, so far as the first district is concerned, the Light Co. cancel all indebtedness of the Illuminating Co. to it, except the sum of \$2,500., and that of the stock of the Illuminating Co. now in its possession, it donate in Trust or in such other form as counsel may advise, for the purpose of promoting the development of the Illuminating Co., \$171,200. leaving the Light Co. with \$100,000. of Illuminating Company's stock on hand. They further recommend that the Light Co., in order to encourage the Illuminating Co. to start an up-town district, agree, that if \$500,000. cash capital for such a district is subscribed in good faith within one year from this date, it (the Light Co.) will accept \$125,000. in paid-up shares of the Illuminating Co. in full settlement of its license for such a district on \$625,000. capitalization.

Your Committee further recommend that the Illuminating Co. convey to the Light Co. for the sum of \$2,500. the lighting apparatus and fixtures used at

65 Fifth Avenue, and now owned by the Illuminating Co.

Your Committee finds that the Light Co. is indebted to the Isolated Co. in the sum of \$ regarding which there is no dispute.

Your Committee further finds that since the general reorganization last summer of the relations between the Light Co. and the Isolated Co., say since November 15<sup>th</sup>, 1884, the Light Co. has not contributed anything towards the rent, maintenance, lighting or heating of the building, 65 Fifth Avenue, or towards the wages of janitor, hall boys, &c. Prior to last summer the payments towards these items were made in the following proportions

Edison Construction Department 3/2, which was in the settlement with Edison reduced to about 3/4, the Light Co. standing the difference.

|                         |      |
|-------------------------|------|
| <u>Light Co.</u>        | 4/2  |
| <u>Isolated Co.</u>     | 4/12 |
| <u>Illuminating Co.</u> | 1/12 |

The expenses in question are at present as follows:

|                                 |                          |
|---------------------------------|--------------------------|
| Rent,                           | \$ 6,500.                |
| Telephone, including attendant, | 600.                     |
| Wages, janitor, hall boys, &c., | 2,220.                   |
| Fuel, lighting, &c.,            | 1,500.                   |
| Total                           | \$ 10,820, as a minimum. |

Your Committee recommend that the Light Co. pay the Isolated Co. a monthly sum of \$275, the first payment to date from Dec. 15<sup>th</sup>, 1884, and to continue on the 15<sup>th</sup> of each month until the present lease of the building expires, in full of its proportion of rent, maintenance, lighting, heating, janitor, hall boys, &c.

It is also recommended that the Illuminating Co.

pay the Isolated Co. as a forfeit, \$25. per month, beginning with the month of June, in full of its contribution towards the lease of the building, which, however, it does not occupy; and that the Illuminating Co. waive all claim to the occupation of any part of the building.

Towards liquidating the indebtedness of the Light Co. to the Isolated Co., your Committee recommend that the former Co. sell to the latter its entire  $\frac{3}{4}$  interest in the Roselle plant for \$6,000.; and also sell to the Isolated Co. the lighting apparatus and fixtures, at 65 Fifth Avenue, also office furniture of every description in said building (excepting only what is in the office of the President of the Light Co.) for \$3,000., both amounts to be credited on account of said indebtedness.

In settlement of the balance thereof, they recommend that the Light Co. give the Isolated Co. four notes of equal amount, payable at 1, 2, 3 and 4 years, respectively, from December 31, 1884, and bearing interest at 6% per annum from that date, and at the same time consent that in case of any dividends accruing to the Light Co. as a shareholder of the Isolated Co.,  $\frac{2}{3}$  of such dividend or dividends may in each instance be retained by the Isolated Co. and applied towards the payment of the note or notes next maturing.

In closing this report your Committee beg leave to say that, while it has perhaps been essential during the past that the three companies should exercise leniency towards each other and support each other financially, they see no need for the continuance of so objectionable a practice. Each company should stand on its own merits, and the debit or credit balances of each company towards the other should be promptly liquidated as they arise. They accordingly recommend

that the following preambles and resolutions be adopted by each of the three Boards:

"Whereas, a basis of adjustment of all accounts in dispute or unsettled between the Edison Electric Light Co., the Edison Co. for Isolated Lighting, and the Edison Electric Illuminating Co., has been adopted by this company;

And whereas, it is desirable that all accounts between this company and the other two companies named, should hereafter be kept on a strictly business basis;

Now, therefore, be it Resolved, that the officers of this company are hereby severally and positively instructed not to allow the accounts of this company with the other two companies named above, or with either of them, again to fall into arrears or confusion, but to collect or pay promptly, as the case may be, all proper claims or demands, as the same may arise from time to time; and, in case of any dispute or in case of non-payment of any amounts due this company, to report at once to this Board or to the Executive Committee of this company.

And be it further Resolved, that the Secretary be, and he hereby is, instructed to hand copies of these preambles and resolutions to the other officers of this company."

Respectfully submitted,

Committee  
appointed collectively  
by each of the three  
companies.

New York, June 4, 1885.

THE EDISON ELECTRIC LIGHT CO.,  
62 FIFTH AVENUE.

New York, June 10<sup>th</sup> 1885.

Dear Sir:

An adjourned meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.,  
will be held at the office of Presch Morgan & Co.  
on Thursday the 11<sup>th</sup> day of June  
1885 at 3 o'clock P.M.

By order

*J. S. Hastings*

Secretary.

*S. A. H.*

To consider proposed adjustments of  
unsettled matters between this Company  
and the Illuminating & Evoluted Companies,  
also proposed arrangement with Prague  
Motor Company, and such other matters  
as may come before the meeting;

THE EDISON ELECTRIC LIGHT CO.,  
15 FIFTH AVENUE.

New York, 23<sup>rd</sup> June 1885

Dear Sir:

A Special meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.,  
will be held at the office of Nigel Morgan & Co  
on Thursday the 25<sup>th</sup> day of June  
1885 at 3.15 o'clock P.M.

By order

J. S. Hastings  
Secretary.  
J. S. Hastings

To consider proposition from Royal A.  
re Canadian business, and such  
other matters as may come before  
the meeting.

THE EDISON ELECTRIC LIGHT CO.,  
65 FIFTH AVENUE.

J. A. Edison &

New York, 24<sup>th</sup> June 1885

Dear Sir:

A special meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.,  
will be held at the office of Drexel Morgan & Co  
on Friday the 26<sup>th</sup> day of June  
1885 at 3:15 o'clock P.M.

By order

J. C. Hastings  
Secretary.

To consider proposition from Royal C.  
in re Canadian business; also form  
of, and act upon, trust deed re  
illuminating Co's stock; and such  
other matters as may come before the  
meeting.

The Edison Electric Light Company,

65 Fifth Avenue.

New York, June 27th. 1885

Dear Sir:-

The matters that we wish to bring before the parent company and the Illuminating Company on Monday next are of great importance, and, in consequence, I address you this personal note to particularly request your attendance. Will you kindly oblige me in this matter?

Very truly yours,

A handwritten signature in dark ink, appearing to read "J. P. Morgan", with a large, sweeping flourish extending to the right.

Vice President.

THE EDISON ELECTRIC LIGHT CO.,  
65 FIFTH AVENUE.

New York, 17<sup>th</sup> July 1885

Dear Sir:

A special meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.,  
will be held at the office of Drexel Morgan & Co  
on Tuesday the 21<sup>st</sup> day of July  
1885 at 3.15 o'clock P.M.

By order

J. S. Hastings  
Secretary.  
J.S.H.

I consider proposed amendment or  
cancellation of contract with  
Western Edison Co.

(1853-5)

Edison Et. Lt Co

THE EDISON ELECTRIC LIGHT CO.,  
65 FIFTH AVENUE.

New York, 6<sup>th</sup> Aug<sup>r</sup> 1885

Dear Sir:

A special meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.,  
will be held at the office of Nrexel Morgan & Co  
on Tuesday the 11<sup>th</sup> day of August  
1885 at 3.15 o'clock P.M.

By order

J. S. Hastings  
Secretary.  
J. S. H.

To consider the question of making a  
call on the increased Capital Stock  
of the Company, and such other  
business as may come before the  
meeting.

THE EDISON ELECTRIC LIGHT CO.,  
65 FIFTH AVENUE.

New York, 2<sup>d</sup> Sept 1885

Dear Sir:

A special meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.,  
will be held at the office of Arvel Morgan & Co  
on Friday the 4<sup>th</sup> day of Sept  
1885 at 2.15 o'clock P.M.

By order

J. A. Hastings  
Secretary,  
E. E. L. Co.

Object: To consider (1) question of calling  
balance of increased Capital Stock,  
(2) proposition from P. B. Shaw,  
and such other business as may come  
before the meeting.

8  
Sept 22<sup>d</sup>. 1885

Mr Hastings

Sir, I called at the  
office of the Edison Light Company  
some month ago for information  
regarding a brand of light, the  
gentleman said there was  
no money to pay the interest  
for the month of November  
and Decr 1884, he said that a  
committee had gone to Europe  
to negotiate with people there  
that he thought they would ask  
to have been explained. The  
number of my brand is 91.  
If you have no knowledge of this  
matter, as you say in your  
reply, please inform me  
what part or where I am to  
apply for information, I enclose

you will excuse this second  
intrusion on your valuable  
time

Very Respectfully  
Mrs W. Hazzellan  
963 W 20th St

New York, Sep 22nd 1885

(1863-6.)

THE EDISON ELECTRIC LIGHT CO.,  
45 FIFTH AVENUE.

New York, Sept 29, 1885.

Dear Sir:

An adjourned meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.,  
will be held at the office of Drexel, Morgan & Co  
on Wednesday the 30<sup>th</sup> day of Sept  
1885, at 3:15.0'clock P.M.

By order

J. Hastings  
Secretary.

To consider the disposition of funds  
received from late call, & such  
other business as may come  
before the board.—

(1623-4.)

THE EDISON ELECTRIC LIGHT CO.,  
62 FIFTH AVENUE.

New York, 14<sup>th</sup> Oct 1885

Dear Sir:

A special meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.,  
will be held at the office of Pierce, Fennell & Smith  
on Friday the 16<sup>th</sup> day of October  
1885 at 3<sup>15</sup> o'clock P.M.

By order

A. S. Hastings  
Secretary.  
gls

To consider business relating  
to the Trust Fund, and such  
other matters as may come  
before the meeting.

The Edison Electric Light Company,

65 FIFTH AVENUE.

NEW YORK, October 17th, 1885.

DEAR SIR:

The Annual Meeting of the Stockholders of the Edison Electric Light Company for the Election of Thirteen Trustees to serve for the ensuing year, and for the transaction of such other business as may come before the meeting, will be held at the offices of the Company, 65 Fifth Avenue, New York City, on Tuesday, October 27th, 1885, at 12 o'clock noon. The polls will be open at 12 o'clock noon, and remain open for the reception of votes until 1 o'clock P. M. Transfer books will be closed on the afternoon of Monday, October 19th, and re-open on Wednesday morning, the 28th instant.

I enclose herewith a blank form of proxy, which, if you are unable to attend the meeting, kindly sign in presence of a witness, and return to me at the above address.

By Order of the Board,

F. S. HASTINGS, *Secretary.*

THE EDISON ELECTRIC LIGHT CO.,  
60 FIFTH AVENUE.

New York, 23<sup>rd</sup> Oct 1885

Dear Sir:

An adjourned meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.,  
will be held at the office of Jesol Morgan & Co  
on Monday the 26<sup>th</sup> day of Oct  
1885 at 3/4 o'clock P.M.

By order

J. S. Hastings  
Secretary.  
JSH

To Consider

Disposal of Monies, received from  
recent call; — nomination of Trustees  
to be voted upon at Annual Election, on  
Tuesday; other important matters, & any  
other business which may come before  
the meeting.

(855 a.)

THE EDISON ELECTRIC LIGHT CO.,  
65 FIFTH AVENUE.

New York, 27<sup>th</sup> Oct 1885

Dear Sir:

A special meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.,  
will be held at the office of Fred Mayan  
on Thursday the 29<sup>th</sup> day of Oct  
1885 at 2 1/2 o'clock P.M.

By order

J. S. Hastings  
Secretary.  
J.S.H.

To elect officers, appoint committees,  
and to consider the question of the  
disposition of monies received from  
recent call. Also such other  
business as may come before the  
meeting.

R 1-6-5422

To the Stockholders of

The Edison Electric Light Company:

Since the last annual report of your Trustees, your Company has passed through an important and gratifying year, and at its close the outlook for a prosperous future is clearer and rests on a better foundation than at any time in our history.

The predictions made in past years that the Edison Light had come to stay have been amply verified, and each successive year shows more conclusively its superiority over other present known methods of artificial illumination, and proves that it is able to successfully stand the test of time.

The first isolated dynamo sold by your company was started May 2, 1880, and the first central station, that of New York, Sept. 4, 1882. In these, as in all subsequent installations of isolated and central station plants, The Edison Light has gained favor, and is now more popular with those who use it than when the light was first turned on. Indeed it is a remarkable fact that the plant above referred to, as being the first isolated installation, is in perfect working order to-day, although marked changes and improvements have been made in the manufacture of our dynamos and electrical appliances, as well as in our general system of electric lighting since that time.

All of our various interests have associated with them the best obtainable electrical and mechanical engineers, whose aim has been to simplify and cheapen our system of electric lighting, and as a result of this combined experience and effort, little remains to be desired in our system of central station and isolated lighting of to-day.

During the year 10 central station companies have been organized, viz.: Harrisburg, Pa., Des Moines, Ia., York, Pa., West Chester, Pa., Tamaqua, Pa., McKeesport, Pa., New Brunswick, N. J., Wilmington, Del., Boone, Ia., Johnstown, Pa.

There are now 30 central station plants in operation or in course of installation in the United States, a complete list of which is given below:

| LOCATION.                | CAPITAL.    | CAPACITY. |
|--------------------------|-------------|-----------|
| * New York City.....     | \$1,000,000 | 18,000    |
| * Lawrence, Mass.....    | 65,000      | 8,200     |
| * Brockton, ".....       | 65,000      | 4,000     |
| * Fall River, ".....     | 10,000      | 3,680     |
| * Newburgh, N. Y.....    | 45,000      | 1,000     |
| Shanokin, Pa.....        | 27,500      | 2,400     |
| Sunbury, Pa.....         | 20,000      | 500       |
| Hanlston, Pa.....        | 25,000      | 1,000     |
| Williamsport, Pa.....    | 100,000     | 1,000     |
| Harrisburg, Pa.....      | 100,000     | 5,000     |
| Rehlfonst, Pa.....       | 10,000      | 800       |
| Ashland, Pa.....         | 25,000      | 1,000     |
| Appleton, Wis.....       | 25,000      | 800       |
| Cumtberland, Md.....     | 65,000      | 1,000     |
| Piqua, Ohio.....         | 45,000      | 1,000     |
| Midletown, Ohio.....     | 25,000      | 1,000     |
| Tiffin, Ohio.....        | 40,000      | 1,000     |
| Circleville, Ohio.....   | 30,000      | 1,000     |
| Des Moines, Iowa.....    | 85,000      | 8,000     |
| West Chester, Pa.....    | 30,000      | 1,000     |
| York, Pa.....            | 100,000     | 1,000     |
| McKeesport, Pa.....      | 100,000     | 1,000     |
| Tamaqua, Pa.....         | 60,000      | 1,000     |
| New Brunswick, N. J..... | 25,000      | 1,000     |

[CONTINUED ON THE NEXT FRAME]

|                      |         |       |
|----------------------|---------|-------|
| Shamokin, Pa.        | 27,000  | 2,400 |
| Shawbury, Pa.        | 20,000  | 800   |
| Shawton, Pa.         | 20,000  | 1,000 |
| Williamsport, Pa.    | 100,000 | 1,000 |
| Harrisburg, Pa.      | 100,000 | 2,000 |
| Rollaford, Pa.       | 10,000  | 800   |
| Ashland, Pa.         | 20,000  | 1,000 |
| Appleton, Wis.       | 25,000  | 800   |
| Cumberland, Md.      | 50,000  | 1,000 |
| Figgs, Ohio          | 40,000  | 1,000 |
| Middletown, Ohio     | 20,000  | 1,000 |
| Tiffin, Ohio         | 40,000  | 1,000 |
| Circleville, Ohio    | 30,000  | 1,000 |
| Des Moines, Iowa     | 80,000  | 2,000 |
| West Chester, Pa.    | 30,000  | 1,000 |
| York, Pa.            | 100,000 | 1,000 |
| Melickport, Pa.      | 100,000 | 1,000 |
| Tamaqua, Pa.         | 60,000  | 1,000 |
| New Brunswick, N. J. | 50,000  | 1,000 |
| Washington, Del.     | 100,000 | 1,000 |
| Boone, Ia.           | 100,000 | 800   |
| Johnstown, Pa.       | 100,000 | 2,000 |
| Lockport, N. Y.      | 100,000 | 400   |
| Little Falls, N. Y.  | 100,000 | 500   |
| Jackson, Mich.       | 100,000 | 500   |

The plants marked \* have underground conductors; the others have pole lines.

On August 1st, of the present year, the Edison Electric Illuminating Company, of New York, paid a first quarterly dividend of 1% to its stockholders and has just declared a similar second dividend payable Nov. 1st. This company is now on a firm financial footing, reached under extraordinary difficulties.

As stated in our last annual report, this was the pioneer central station, and like most pioneer enterprises, it was subjected to peculiar difficulties at almost every point. The most serious of them was, of course, the great cost of installing the plant, which was so far in excess of the very imperfect estimates which could then be made, that the entire resources of the company were not only consumed, but it was left with a heavy floating debt, to embarrass it in its operations. It is peculiarly gratifying, therefore, to be able to state that the company has at last succeeded in discharging that debt *entirely from the earnings* of the station, and is now paying moderate dividends, with a certainty of increasing them as soon as the capacity of the station is enlarged.

The following extract from the letter of the Treasurer of the Illuminating Co. of New York, dated July 17, 1885, to its stockholders, announcing the quarterly dividend, the same being an extract from the minutes of the Company, will show its position to be a strong one:

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322

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"The president then exhibited a detailed report of the earnings and expenses of the company, showing that the net earnings for the six months ending June 30, 1887, after paying all expenses of every description, were \$25,000.00."

"The president further stated that the Company is absolutely free from floating debt of any kind, the debt incurred in increasing the capacity of the Pearl Street Station having been entirely paid from earnings, and that after such payment, and after payment of all outstanding accounts for current supplies, &c., there remained from earnings, a sum of \$10,608.40 cash, on hand applicable to dividends."

The Treasurer then adds:

"For further information, I may state that the long pending questions between this Company and the Edison Electric Light Co., arising from the excessive cost of the Pearl Street Station, as originally installed here, at last been settled in a manner satisfactory to your Board by the deposit by the Light Co., in trust, of 1712 shares from the stock of your Company heretofore held by it, the stock so deposited to be used in promoting the installation of an uptown station, and meanwhile, to forego all claims to dividends; consequently dividends are payable on only 8,888 shares of stock, upon which the earnings of the last six months are at the rate of 6% per annum."

Your Trustees deem it a matter for congratulation that the claims of the Illuminating Co. of New York, against your Company, have been amicably settled as above stated, by the surrender of part of the stock of the Illuminating Co., held by your Company, this stock having been placed in the hands of three trustees, the trust deed providing that a part or all of this stock may be used for the purpose of aiding in securing the necessary funds for an uptown station.

187

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4-12 = 5422

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The Trust further provides that in case the Illuminating Company does not within one year, from July 1, 1885, succeed in obtaining the sum of \$500,000, and proceed with the installation of an uptown district, then, 1,000 shares of the said stock shall revert to your Company, and in the event of the Illuminating Company succeeding in raising the above sum of \$500,000, then \$125,000 in stock shall be given to your Company as its percentage of the increased capital, in payment of license.

The time appears to have fully come when another district should be occupied in New York. Careful and reliable estimates based on the results achieved by the down town district, show that a district installed uptown, with all the latest improvements, with present decreased cost of installing and operating, and in a location which is conceded to be much better lighting than the down town district, would return very handsome dividends. There seems to be every indication that the money will be raised early this winter, and with the incentive given by the trust stock, before alluded to, your Trustees believe that success is assured.

The effect on the business of your Company of a second district in New York can scarcely be overestimated. It would, without doubt, give an impetus to the establishing of similar districts in other large cities, and be a wonderful stimulus to central station lighting throughout the country.

One of the most satisfactory of your licensee companies is that of Harrisburg, Pa. This plant has been recently completed, and the plan of construction as well as its perfect working is the admiration of all who see it.

An extract from the New York "Electrical Review," of June 20, 1885, relating to this plant, will be of interest:

"This company has been in operation about three months, and is reported to be on a dividend-paying basis from the start, a rather unusual thing. It generally takes a gas company a year to get their business on a paying business, and this has heretofore been the result with starting Central Electric Light Stations on the incandescent system." It has generally taken a long time to get customers to pay for wiring their stores, but this Company adopted another rule:

"They have paid for all the wiring themselves, simply requiring a contract for a year at so much a lamp, payable monthly. The average charge is seventy-five cents for a lamp (of sixteen candle power) a month, and the system is so popular that every lamp of their present capacity (3,500) is sold, and they have decided to enlarge their works. They have among their customers the lighting of the State Capitol at \$1,000 a month the year round, and have a three years' contract. In their present district there are twelve hotels, large and small. These have all discarded gas all over the house and use nothing but incandescent lights.

"These lamps can be lighted at any time of the day or night, as the engines are always at work. With a few exceptions the Edison lamps are fitted to the old gas fixtures, and the average expenses to the company (the cost of wiring) have been about \$2.00 per lamp. The popularity of the new light is so strong that without exception all the users have taken out their gas meters."

"In Harrisburg the wires are all overhead and a better working station cannot be found in this country. The electric light station is one of the best ever erected and situated among residences close to the State House. It is an ornament to the street and city."

"It will pay any one interested in the success of incandescent lighting to visit Harrisburg and see the plant in operation."

Since the above was published the Harrisburg Company has increased the capacity of their station to 5,000 lights. They state that they are already earning over twenty-five per cent. on their capital stock, and expect to do still

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Since the above was published the Harrisburg Company has increased the capacity of their station to 5,600 lights. They state that they are already earning over twenty-five per cent. on their capital stock, and expect to do still better.

The foregoing statement regarding Harrisburg is not in any way exceptional, and only fairly illustrates the great progress that has been made during the past two years in perfecting our central station system, not only electrically, but also commercially. In fact, it is from the commercial standpoint that the greatest progress has been made, for while the efficiency of our plant and method of installation, as adopted to-day, are in every way vastly superior to our earlier work, these facts in themselves would not be sufficient to enlist capital in this most important branch of our business. Your Company has therefore striven earnestly to improve and develop the methods of central station installation on a sound *dividend-paying* basis, and it can now be stated emphatically that all our installations of the past year or more have proven to be profitable enterprises. The faults, electrical and financial, which characterized our installations of two or three years ago, are now happily things of the past; and with two or three exceptions, even these earlier installations have developed into prosperous and dividend-paying companies. In some cases, to bring this about, reasonable concessions have been made by your Company, and the wisdom of such a course must be so apparent that your Board does not deem any extended comment necessary.

[CONTINUED FROM THE PRECEDING FRAME]

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13-18 = 5422

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The most important event of the past year has been the bringing of suits at law by your Company against the principal infringers of your lamp and other patents.

The expediency of bringing such suits was suggested in the last annual report, and as subsequent events confirmed the fact that longer delay would be imprudent steps were taken to bring immediate actions against the infringers. We are now able to report that on May 2, bills of complaint were filed against the United States Electric Lighting Co., The Consolidated Electric Light Co., The Swan Incandescent Electric Lighting Co., and a number of consumers of light furnished by companies infringing your patents.

Great injury is being done your Company and all its licensees by other individuals and companies adopting Mr. Edison's ideas and inventions, which we believe to be fully protected by your patents, and your Board are resolved to vigorously prosecute and stamp out all infringements, and to seek the aid of the Courts in maintaining the patents that belong exclusively to you by priority of invention and right.

The services of Hon. Wm. M. Everts have been secured as advisory counsel; and Messrs. J. C. Tomlinson and R. N. Dyer have been engaged to carry on the active preparation and prosecution of the suits.

We believe that with these gentlemen your patent matters are in good hands, and we have full confidence that they will bring the suits to a successful issue as expeditiously as possible. Our solicitors are serving notices of infringement from time to time on parties who are using or who may have begun the manufacture of lamps infringing the Edison patents, warning them against their manufacture or use. These notices are having a good effect.

The many vexed questions arising out of past business transactions between your Company, Mr. Edison, and the various shops, as well as certain claims of Mr. Edison under his contract with this Company, were made the subject of investigation by a special committee appointed by the Board and the result has been a settlement of these long pending differences by mutual compromises in a manner satisfactory to all the parties concerned.

Under Mr. Edison's interpretation of his contract your Company would have been obliged to pay him the sum of \$100,000 in cash; but against such payment various reasons and offsets were urged and the matter was finally settled by allowing as due to Mr. Edison the sum of \$66,755.70 with provision however that same shall not be called for until such time as your Company shall reach a dividend-paying basis. It is but just to Mr. Edison that your Board should bear testimony to the spirit of fairness and generosity which he displayed throughout these vexatious negotiations, which are now so happily terminated.

An agreement has been made with the Sprague Motor Company allowing them to use several of our brush and armature patents in connection with their motor, which increases its efficiency. As consideration for this privilege, the Motor Company agree to pay a royalty of 3% on the value of all motors sold to your licensee companies within their territory. This arrangement will benefit your Company by increasing the earning capacity of the licensee

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generosity which he displayed throughout these vexatious negotiations, which are now so happily terminated.

An agreement has been made with the Sprague Motor Company allowing them to use several of our brush and armature patents in connection with their motor, which increases its efficiency. As consideration for this privilege, the Motor Company agree to pay a royalty of 3% on the value of all motors sold to your licensee companies within their territory. This arrangement will benefit your Company by increasing the earning capacity of the licensee companies in which you are stockholders.

Reference was made in the last annual report to the arrangement made by your Company with the Edison Co. for Isolated Lighting, whereby the latter assumed the direction of the canvassing and exploitation of central station business. As explained in the last report, the Isolated Company was already provided with an efficient corps of agents and electrical engineers quite adequate to carry on this work in connection with the isolated and village plant business conceded to them under their original contract with your Company.

By the transfer of this part of our business to them it relieves your Company of the necessity and responsibility of carrying a department of trained experts and agents, while at the same time the central station system is being more energetically developed and extended.

In the business of isolated lighting your licensee, the Isolated Co., has met with very keen competition from the various infringers on your patents, who, finding they could not benefit themselves, have endeavored to do all the harm they could to the business of the Edison Company. In pursuing this course, they have reduced prices to the bare cost of manufacture and installation; and while the Isolated Co. has never taken the initiative in this disastrous warfare, it has felt bound to meet the issue when forced upon it. Your Directors have many reasons for believing, that this policy has entailed heavy losses on our competitors, while the Isolated Co has not only maintained its prestige and secured the bulk of the business, but it has also succeeded in holding its own financially. Sooner or later, the policy of doing business at cost must tire out these various guerrilla companies, if, indeed, their operations are not sooner checked by the enforcement of our patents; and there is no reason to doubt that isolated business will then again be profitable.

[CONTINUED FROM THE PRECEDING FRAME]

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The arrangement made a year ago with the Isolated Co., as above stated, has resulted in very materially lessening the expenses of your Company. Great care has also been exercised to avoid unnecessary outlays, so that your Trustees are enabled to report a marked decrease in expenses as compared with former years. On the other hand, the income of your Company from dividends and cash licenses has steadily increased, and it is not improbable that the coming year will be the turning point in the history of the company, when income will equal or exceed expenses and your Company be self-sustaining.

*The expenses for the past year have been reduced by nearly one half as compared with the preceding years.*

There is already in our treasury or due, \$651,379.25 of stock in licensee companies, made up as follows:

|                                       |                     |
|---------------------------------------|---------------------|
| New York.....                         | \$100,000 00        |
| Edison Co. for Isolated Lighting..... | 888,400 25          |
| Shamokin.....                         | 4,830 00            |
| Breckin.....                          | 15,400 00           |
| Newburgh.....                         | 5,100 00            |
| Pull River.....                       | 18,000 00           |
| Lewrence.....                         | 10,025 00           |
| Circleville.....                      | 4,800 00            |
| Appleton.....                         | 2,300 00            |
| Belleville.....                       | 4,800 00            |
| Cumterville.....                      | 5,000 00            |
| Hazleton.....                         | 4,000 00            |
| Des Moines.....                       | 15,000 00           |
| York.....                             | 6,800 00            |
| Harrisburg.....                       | 20,000 00           |
| Ashland.....                          | 4,000 00            |
| Piqua.....                            | 4,000 00            |
| Middletown.....                       | 4,000 00            |
| Tiffin.....                           | 5,000 00            |
| West Chester.....                     | 4,000 00            |
| McKeesport.....                       | 10,125 00           |
| New Brunswick.....                    | 10,000 00           |
|                                       | <u>\$651,379 25</u> |

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This, of course, will be augmented from time to time by stock received from new companies as they are organized.

It must be remembered, however, that four-fifths or more of the amount received by us for licenses to sub-companies is in stock, and this being retained by your Company, sometime must necessarily always elapse before any income can accrue to your company from dividends on this stock.

As all of your licensee companies are doing well and indicate excellent earning capacity in the near future, it is plain that at no distant day our income from this source will be very large. Many of these local companies have already paid, and nearly all have earned dividends. In order, however, to encourage some of the earlier stations, your Company has allowed them to apply their earnings to increasing their plant, thereby augmenting their earning capacity and permanently adding to the value of the stock held by your Company.

The superiority of the Edison lamp above all others was fully demonstrated at the Franklin Institute test in Philadelphia, concluded last spring. The Edison company submitted 21 lamps. The United States Co. (Weston) 20. Westinghouse (Stanley) 20; and Woodhouse & Rawson 11.

The committee appointed by the Franklin Institute, and who had charge of the test at first replaced broken lamps as they gave out with new ones. One lamp of the Edison, four of the United States Co.

The superiority of the Edison lamp above all others was fully demonstrated at the Franklin Institute test in Philadelphia, concluded last spring. The Edison company submitted 21 lamps. The United States Co. (Weston) 20. Westinghouse (Stanley) 20, and Woodhouse & Rawson 11.

The committee appointed by the Franklin Institute, and who had charge of the test at first replaced broken lamps as they gave out with new ones. One lamp of the Edison, four of the United States Co., and two of the Westinghouse Co. were thus replaced. The committee finding that all lamps but the Edison were giving out so rapidly, concluded that it was not worth while to substitute new lamps for those broken. The final result of 1,065 hours' continuous burning was as follows:

|  |    |
|--|----|
| Edison Lamps, 1 broken out of.....               | 21 |
| Weston " 17 " " .....                            | 24 |
| Stanley " 19 " " .....                           | 22 |
| Woodhouse & Rawson Lamps, all broken out of..... | 11 |

Thus the great superiority of the Edison Lamp above all others was scientifically and practically demonstrated.

The question of the legal necessity of calling in the balance of increased capital stock, authorized Sept. 24, 1883, having been submitted to the general counsel of the Company, your Board were advised by him that in order to comply with the requirements of the statute the full amount of subscriptions should be called in within two years from the date of increase. Acting upon this opinion, your Board directed the Treasurer to call the remaining unpaid subscriptions to be payable Sept. 22, which has been done, although the financial condition of the Company did not necessitate the call.

The present authorized capital of the Company, viz., \$1,080,000, will therefore be full paid as soon as the last of these installments is collected.

A profitable field for the extension of the business of our local Companies has been found in street lighting. Until recently very little attention was given by us to the lighting of streets, mainly on account of the comparatively few lights used within large areas and long distances, which necessitated the use of heavy copper conductors, thus presenting a serious obstacle to its introduction in an economical way. By the use of what is known, as the "municipal system," as now applied by your licensee companies, a current of greater intensity is employed which permits the use of small conductors, and by placing the lamps in series economical and satisfactory results are obtained. This enables our licensee companies to compete successfully with arc light and gas, for street lighting, as well as for interior lighting.

[CONTINUED FROM THE PRECEDING FRAME]

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24-28 = 5422  
5

As stated in the last report, the electric railway patents of Mr. Edison were assigned to the Electric Railway Co. of the United States, in which the Light Company has one-sixth interest, viz., \$333,333.34.

Arrangements have been made with the Manhattan Railway Co., of New York, to conduct experiments on its Second avenue line of elevated railway, for the purpose of testing the practicability of the system of the Electric Railway Co., on the elevated roads in New York City. A third rail is now being laid on both tracks of the Second avenue line, from Chatham Square to Harlem River, a total distance of about fifteen miles, and the car and motors for operation thereon, are now ready at the shops of the Edison Machine Works, whence they will be moved to the track as soon as the laying of the third rail is completed. It is then intended to conduct an extensive series of experiments and to demonstrate fully the great merit and economy that is believed to exist in our system.

What has retarded the advance of your company's business in past years perhaps more than anything else has been our inability to refer to central stations that were earning money or paying fair dividends, for reasons given in reports of former years. Capitalists were naturally unwilling to invest money in any enterprise unless it was backed by a good record, no matter how favorable the investment might appear prospectively. We can now point with pride to almost all of our central station companies, where financial success is an accomplished fact, and a visit to them inspires such confidence that it is becoming much less difficult to enlist capital in our enterprises.

In conclusion, your Trustees would say that nearly all the difficulties which have beset our path have been overcome, and we regard the future of the Edison Light and the success of your Company as assured.

The balance sheet of the Company to October 1st, 1885, is submitted herewith.

By order of the Board of Trustees.

EUGENE CROWELL,

President.

65 Fifth Ave., New York, Oct. 27, 1885.

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It is important that a quorum  
be present!

THE EDISON ELECTRIC LIGHT CO.,  
6 FIFTH AVENUE.

New York, 13 Nov 1885

Dear Sir:

A special meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.  
will be held at the office of Jewel Morgan & Co  
on Monday the 16<sup>th</sup> day of November  
1885 at 3<sup>15</sup> o'clock p. M.

By order

J. S. Hastings

Secretary of  
Edison

2. Determine the question of Residents  
compensation, and nominate Board  
for Isolated Co. - also such other  
business as may come before the  
meeting.

THE EDISON ELECTRIC LIGHT CO.,  
25 FIFTH AVENUE,

New York, 17<sup>th</sup> Nov. 1885

Dear Sir:

A special meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.  
will be held at the office of Steel Morgan & Co  
on Thursday the 19<sup>th</sup> day of Nov.  
1885 at 4 1/2 o'clock P. M.

By order

J. S. Hastings

Secretary.

J. S.

To consider question of Central Station  
in Philadelphia, and Agreement with  
Denver Co. (Colo) Also such other  
business as may come before the meeting.

City of New York;  
Finance Department;  
Comptroller's Office;

Novem 28 1885

Mr. Thos A Edison  
No 39 E 18<sup>th</sup> St  
Sir

Yours this day released from  
your Bond of \$1000 on the Edison Co.  
Contract for Electric Lighting in Mads Island.

Respectfully

E. Grant Ward

Contract Clerk -

THE EDISON ELECTRIC LIGHT CO.,  
30 FIFTH AVENUE.

New York, 1<sup>st</sup> Dec 1885

Dear Sir:

A special meeting

of the Board of Directors of the EDISON ELECTRIC LIGHT CO.

will be held at the office of Drexel Morgan & Co

on Friday the 4<sup>th</sup> day of Dec.

1885 at 3<sup>15</sup> o'clock P.M.

By order

J. S. Hastings

Secretary.

To consider contract with <sup>Edison</sup> Western  
Edison Contract, and such other  
business as may come before the  
meeting.

THE EDISON ELECTRIC LIGHT CO.,  
25 FIFTH AVENUE.

J. A. Edison <sup>New York,</sup> 16<sup>th</sup> Dec 1885

Dear Sir:

A special meeting  
of the Board of Directors of the EDISON ELECTRIC LIGHT CO.

will be held at the office of Alex Morgan & Co  
on Friday the 18<sup>th</sup> day of Dec.  
1885 at 3 1/2 o'clock P.M.

By order

J. S. Hastings

Secretary.  
J. A. S.

To consider proposed Contract  
with the Western Edison Light Co  
and such other business as  
may come before the meeting.

Rules and regulations defining the duties and responsibilities of the Secretary, Manager and General Superintendent.

It shall be the duty of the Secretary and Treasurer,  
FIRST. To maintain such supervision over the company's finances as will enable him at all times to provide for the obligations of the Company to pay in advance of the maturity of such obligations.

SECOND. To have such general supervision over the books and accounts of the company as will enable him to keep clearly in view the assets and liabilities of the company of whatever kind or character so that he will always know what the exact financial position of the company is.

THIRD. To have special charge of the sub-organizations of the Edison Electric Light Company, to conduct all correspondence with agents or other authorized promoters of such sub-organizations, and, conjointly with the President, to conduct all negotiations relative thereto.

FOURTH. To have general charge of all correspondence not coming directly within the province of the Manager and Supt.

#### MANAGER.

It shall be the duty of the Manager

FIRST. To have such supervision over all obligations of whatever character incurred by this company in the transaction of its business of selling or otherwise disposing of isolated plants as will enable him to secure to the Company full return for material sold or work done.

SECOND. To provide through the medium of contracts entered into with, and instructions issued to, the agents of the Isolated company for such complete oversight of the operations of such agents as will enable him to properly account to the Company and be responsible for every transaction affected by them.

THIRD. To keep himself so informed through the Gen. Supt. of the condition and extent of the Company's stock of dynamos, lamps &c. as to enable him in the transaction of his business to give preference to the disposition of such as is likely to become obsolete by virtue of later improvements and to enable him to provide for any extraordinary demand that the business of his office is likely to develop.

#### GENERAL SUPERINTENDENT.

It shall be the duty of the General Superintendent

FIRST. To provide all plans, specifications, estimates, electrical determinations &c. to enable the proper officers of the Company to make contracts thereon and when such contracts have been made it shall be the duty of this officer

SECOND. To have such supervision of the work done by or for this Company as will enable him to secure a strict adherence to his specifications and a guarantee that all work will be of the highest excellence and be executed with promptness and economy.

isolated and central station plants as will enable him to anticipate and thus prevent their unsatisfactory operation whether by virtue of mismanagement or extraordinary depreciation from whatever cause.

While it is the intention of the President that the lines of duty and responsibility herein defined shall be closely followed, he nevertheless expects that the officers of the company will promptly report to him any disadvantages or inconveniences that may arise from the literal following of these rules and regulations and accompany the same with recommendations of such changes as experience may show to be advisable. The purpose of these rules and regulations is to clearly define and fix individual responsibility. It is not expected that the head of one department will go beyond the Chief of another for such information as he may require from the latter's Bureau. If the information supplied shall transpire to have been erroneous or imperfectly given, the responsibility for this shortcoming will then be clearly fixed.

*Edw. H. Johnson*  
*Fresh*

Made 6 pct on money on Goswick, but flight C had paid for opposite would have made 15 pct. d C got 9 pct Shop 6 pct -

light C have paid in cash 760 000. Shop BTC 190 000 Goswick 215 000, lamp  
standing 247 000 Kruzi 40 000. Total 692 000. Elson has cash 386 715 000  
Insulated 61 000. Total 136 000. Total money 828 000. Elson has  
invested personally 553 700. Goswick has investment which at year 150 000  
under total Elson invested 733 700. or has and more 1,005,000.

light C has 395,100. of stock of 388 602 + 550 000 Insulated total  
\$ 945,000.

Goswick Orig Cash Exp 164 111.03  
acc profits 42 227.00  
Cash acct 625.00  
Bal acct Result over acc profit 2976 69

\$ 215 942.00

Milk 271 200 - opposite Pyma - Cirogullu - Matarlone Tiffin not settled -  
Goswick 9,500 other not fairly paid either -  
Kruzi 10,000  
Shop 6,000  
Junk 20,000  
Milk 9,000  
Honey 5,000  
Wheat 10,000  
Belief 4,000

If increase of 10M is made founder shares  
must be increased in proportion,  
also  $\frac{1}{4}$  of all additional emission  
75 pct founder shares.

Must have \$230,000 for factories,

**1885. Electric Light - Edison Electric Light Company of Europe, Ltd. (D-85-027)**

This folder contains correspondence, an annual report, and other documents relating to the business of the Edison Electric Light Company of Europe, Ltd. Some of the documents deal with the resignation of Joshua F. Bailey, Edison's agent in Europe. Related material can be found in D-85-035 (Electric Light - Foreign - Europe).

Approximately 50 percent of the documents have been filmed. The following categories of documents have not been filmed: routine company correspondence, such as acknowledgments of letters received; routine notices for meetings of the board of directors; bills.

[JANUARY 5, 1885]

FIFTH AVENUE HOTEL.  
MADISON SQUARE, NEW YORK.

Dear Mr. Froster,

Would you kindly  
kindly send over to Messrs  
Eaton this morning the  
letter of resignation and  
my letter to you submitted  
before. If they are up  
taken by messenger to me  
at once.

I beg you to accept  
the expression of my sincere  
regrets that your courage  
was not rewarded as

all your friends who  
have wished.

Sincerely yours

J. F. Bailey

Philadelphia  
 May 5/85.

Wm. S. B. Eaton  
 V. P. East & Co. Limited

Franklin:

During a year and  
 a half past I have retained my posi-  
 tion as representative of the interests  
 of the Light Co. without reward but  
 without hope of reward. Because I  
 desired to see certain measures lately  
 submitted by me realized. It is not  
 possible for me longer to sustain this  
 relation and I herewith submit  
 my unconditional and immediate resig-  
 nation of all office relations  
 with the Light Co and Mr. Edison as

their representative. As Administrator  
 of the French Co's I shall cooperate  
 with you <sup>in mind</sup> in making out the  
 necessary powers, for the con-  
 clusion of the pending business.

I have the honor to remain  
 Your obedient servant,  
 R. F. Baile

See of Providence  
New York, January 18

Thomas M. Davis

2nd ed.

[illegible]

Amos is not good for \$500 share  
coming to the point so I know  
now you see president of that  
Company. You could as a gentleman  
take this share back and give  
me \$250 for them and every thing  
would be settled by returning for  
two shares. I would never be satisfied  
until I get that money back.  
Hoping Mr. Eldon will see you  
soon about this matter.  
I remain yours very respectfully

Joe Duff.

St. Louis, 19th Dec

Calif.

*The Edison Electric Light Company  
of Europe Limited*

*65 Fifth Avenue New York Jan. 16th. 1885*

Dear Sir:

A special meeting of the Directors of the Edison Electric Light Co. of Europe, Limited, will be held at the office of R. L. Cutting, Esq. 19 William Street, New York City, on Saturday, January 17th. 1885, at 1 o'clock P. M. for the purpose of taking final action on the Power of Attorney to be given by this Company, in order to carry into effect the fusion of the three Paris Companies, &c., heretofore decided on by the Board.

Yours truly,

Secretary.

(1)

ANNUAL REPORT

of the

EDISON ELECTRIC LIGHT CO. OF EUROPE, LIMITED.

JANUARY 17, 1886.

The amount of the Capital Stock

of the Company is..... £ 2,000,000.

All of which has been issued as the purchase price of the Patents and Patent rights of the Company.

The assets of the Company consist of its interest in a contract entered into between this Company and a European Syndicate; which contract provides for the exploitation in certain Countries in Europe of the Edison system of electric light and power under the Patents of this Company.

The value of this interest is unknown - and at present undeterminable.

*Slaves*  
The indebtedness of the Company amounts to *£142,938.59* of which *£142,938.59*... in due on open accounts for legal and other services, cash loans, interest and taxes, - and £100,000. is due on Debenture Bonds of the Company now outstanding.

*100,000*  
~~£100,000~~ No dividends have been declared since the last Report.

The following is a list of the stockholders of this

## Company:

|                          |                          |
|--------------------------|--------------------------|
| Ashley, Edward W.        | Ayres, Jane L.           |
| Albinola, E.             | Alsop, Henry W.          |
| Alsop, Mrs. Sadie H.     | Abbott, Miss Ida J.      |
| Banker, James H.         | Barker, Geo. F.          |
| Bass, Edgar W.           | Bailey, Floyd            |
| Bailey, Estimer          | Bailey, Eliza T.         |
| Batchelor, G.            | Brant, John              |
| Bathurst, Chas.          | Bergmann, S.             |
| Bing, Melissa            | Bunker, Samuel           |
| Blant, Fanny             |                          |
| Carmen, William          | Carran, C. E.            |
| Carran, C. B.            | Clarke, Chas. E.         |
| Cassmann, Chas. T.       | Chase & Higginson,       |
| Castelbolognosi, Jacques | Corque, A. F.            |
| Crowell, Eugene          | Cox, Mrs. Eliza Adelaide |
| Colby, C. A.             | Cole, L. D. Jr.          |
| Congdon, A. W.           | Congdon, Geo. F.         |
| Coddington, Herbert      | Cutting, F. J.           |
| Cutting, William         | Cutting, E. J. Jr.       |
| Cutting, W. L.           | Cunningham, Mrs. Mary E. |
| Curtiss, John W.         | Carpboll, J. R.          |

de Puskas, Francis

Dearing, James

Divino, Michael W.

Dodson, R. B.

Edison, Thomas A.

Earl, Wm. D.

Eaton, S. B.

Elliott, J. C.

Edoy, Chas. C.

Eder, Alfred

Eaton, S. J.

~~Edwards, Frederick W.~~

Forbes, John F.

Edwards, Frederick W.

Egan, William H.

Greeno, Gardiner

Griffin, S. L.

Gildersleeve, W. R.

Gostenhofer, Frederic G.

Godfrey, C. H.

Goddard, Calvin

Gower, Geo. Lewis, Atty

Gower, Geo. Lewis, Atty for  
T. A. Gower.

Gower, Geo. Lewis

Harland, Thomas

Hogewisch, A.

Helgate, A. L.

Hunt, A. C.

Jaffray, Robt. Jr.

Jaques, W. L.

Johnson, T. C.

Johl, Francis

Johnston, L. C.

Jones, E. W.

Kemp, W. T.

Johnston, E. H. Jr.

Johnson, Edward H.

Johnson, Chas. H. Jr.

Judson, &amp; Newton.

Insull, Samuel

|                    |                      |
|--------------------|----------------------|
| Kruesi, John       | King, Charles W.     |
| Kitson, Arthur     | Knight, Geo. W.      |
| Krohn, Albert      | Kyles, Dr. E. T.     |
| Ladd, Haud R.      | Lawrence, Chas. R.   |
| Loner, Oscar       | Livingston, Herman   |
| Leon, Elia         |                      |
| McLaughlin, Frank  | McKesson, G. C.      |
| Meadowcroft, W. H. | McNigh, T.           |
| Miller & Peck      | McNinnis, John Jr.   |
| McJinsey, R. M.    | Miller, M. G.        |
| McJinsey, Eugene   | Mott, Samuel D.      |
| Moore, W. H.       | Mosen, Otto A.       |
| Morgan, T. N.      | Moore, E. P.         |
| Moller, A. Co.     | Mott, Charles P.     |
| Nickerson, B. H.   | Norris, Mrs. Mary A. |
| Ord, John W.       |                      |
| Parsons, Levi      | Paul, Jas. W. Jr.    |
| Platky, Adolph L.  | Polton, Guy P.       |
| Perry, W. S.       | Pancook, Mrs. C. B.  |
| Porter, John K.    | Puskas, Theodore     |
| Puskas & Saportas  | Pulston, J. H.       |
| Pike, J. Trevitt.  |                      |

Randolph, Margaret A.

Richardson, James

Rogers, H. S.

Roussou, Constant

Saportas &amp; Warriner

Saportas, A. J.

Saltonstall, E. B.

Samson, W. L.

Sheppard, Lydia G.

Stevens, E. A.

Stein, Aug.

Schlesinger, F. S.

Smith, Chester I.

Smith, Leta V.

Smith, Mortimer F.

Smithers, Mrs. Louisa M.

Sillock, Geo. H.

Schroeder, Chas.

Stomas, Henry

Scott, Geo. S. &amp; Co.

Sorn, Geo. W.

Squires, G. W.

Saportas, E. W.

Thomas, Geo. C.

Upham, John B.

Unger, Chas &amp; Co.

Upton, W. R.

Von Hoffman, I. &amp; Co.

Watson, Louis

Watson, Tool &amp; Co.

Walton, Jared

Warren, Schuyler &amp; Co.

Wallerstein, H.

Whiting, Miss Mary A.

Whiting, Bradford A.

Whiting, Benartine

Dated New York, January 17th. 1886.

*Thomas A. Edison*

President.

*Thos A. Edison*

*S. B. Eaton*

*R. L. Cuthing*

Majority  
of  
Trustees.

State of New York, )

ss:

City and County of New York. )

W. H. Haddockcroft, being duly sworn, says: that he is the Secretary of the Edison Electric Light Company of Europe, Limited; that he has read the foregoing Report and knows the contents thereof; and that the same is true to the best of his knowledge, information and belief.

Sworn to before me this )

19<sup>th</sup> day of January, 1886. )

*Wm H Haddockcroft*

*Wm H. Alden Jr*

Notary public

*N.Y.C.*  
*NY*

*Seal*

Dear Edison - Jan 17<sup>th</sup> 1885

Wont you give Meadow-  
croft, say \$15. to pay  
petty expenses touching  
the power & Hanger (?) -  
Will you lend the Euro-  
pean Co. that much -  
Am blocked for the

want of some funds -

June

S. H. Palmer

Jan 17, 05

Jan'y 19 5

James H. Banker, Esq

Dear Sir:

An adjourned special meeting of the  
Directors of the Edison Electric Light Co. of Europe, Limited,  
will be held in Mr Edison's Laboratory, Ave B and 17<sup>th</sup>  
Street, on Wednesday, January 21<sup>st</sup>, 1885, at 11 A. M.

Yours truly

W. A. Stillman

Secy.

New York City, Jan. 22 1885.

MINUTES of a Special Meeting of the Directors of the Edison Electric Light Company of Europe, Limited, held pursuant to adjournment at the Laboratory of T. A. Edison, No. 292 Avenue B., New York City on the 22<sup>nd</sup> day of January, 1885, at 4 P. M.

Present, Messrs

*Eaton and Edison, J. F. Bailey*

Secretary Meadowcroft, also *Mr. Bailey*  
~~Mr. Upton~~ by

invitation.

The matters passed upon by the Board at its meeting held on the 5th day of January, 1885, having been then passed upon subject to the written approval of Mr. Edison, who was not present at that meeting, Mr. Meadowcroft, the Secretary, produced <sup>his draft of</sup> the Minutes of the said meeting with Mr. Edison's approval written upon them. He stated that Mr. Edison had read <sup>draft of the</sup> the Minutes carefully and had noted his approval on <sup>or attached</sup> each item separately; this appeared from the Minutes of the meeting, Mr. Edison's approval <sup>draft of the</sup> being written opposite each separate item.

Second Vice-president Eaton stated that on January 17th, he had gone over, with Mr. J. F. Bailey, the unfinished business relating to the Powers of Attorney and other matters from Paris awaiting the action of this Company, and that he had prepared, assisted by Mr. Bailey, <sup>certain</sup> the following

*I think has been made the basis of some of the resolutions they have proposed to offer for adoption at the meeting.*

memorandum of the entire matters now requiring attention,

FIRST:--Regarding the proposed General Power of Attorney referred in the Minutes of the meeting of this Board held January 5th, 1885, Major Eaton stated that Mr. Bailey was of opinion that the form or phraseology of the Power of Attorney heretofore executed by this Company and by Mr. Edison, bearing date February 29, 1884, would answer for the General Power of Attorney now required, and then Mr. Bailey had stated that this form had been approved by the Law Counsel at Paris, M. Puocillet. Major Eaton accordingly advised that all that now remained <sup>was</sup> to this Board <sup>to do</sup> was to authorize the officers of this Company to execute a Power the same in form as the one referred to, and he stated that he had prepared such a power, and, on the suggestion of the President, had inserted the name of Mr. John H. Harjes, Paris, as the Attorney.

Mr. Upton stated that Mr. J. Hood Wright had by request of Mr. Edison, cabled to Mr. Harjes at Paris, asking if he would serve as the Attorney, and that Mr. Harjes, after first declining, had finally, on <sup>a</sup> repeated request, accepted, provided he, Harjes, could name an associate attorney. Mr. Upton further stated that Mr. Harjes was not yet ready to state what his commission would be, further than that it would be a fair one.

Major Eaton stated that the action of this Board, at its meeting January 5th, 1885, in recommending Mr. J. F. Bailey as the attorney-in-fact of this Company, whose name should be inserted in the proposed Powers of Attorney now

about to be executed, was not satisfactory to Mr. Edison, who preferred Mr. John H. Harjes.

After some discussion the Board decided to adopt Mr. Edison's wishes in the matter, and decided to have the Powers made out in the name of Mr. Harjes.

On motion of Major Eaton, the following resolution was then unanimously adopted, to wit:

RESOLVED: That the President of this Company be and hereby is authorized to execute <sup>in the name of the Company</sup> the following General Power of Attorney, in the name of John H. Harjes, and the Secretary of the Company is hereby authorized to affix the seal of the Company thereto, and to attest the same, the said Power being as follows, viz:

*(Here insert a verbatim copy  
of the General Power)* 1/10/85

SECOND:--Major Eaton stated that as a further result of his said conference with Mr. Bailey, mentioned above, he was prepared to report upon the form of the Special Power of Attorney, relating to the transfer of the Two Thousand (2,000) Parts of Founder, to M. Leon, or such other party as may hereafter be agreed upon. This matter is referred to in Paragraph No. 5 of Mr. Bailey's letter to Major Eaton read at the meeting of the Directors, January 5, 1885, said letter being dated Philadelphia, January 3, 1885, and was discussed at that meeting.

Major Eaton stated that the following form of this Special Power of Attorney had been prepared in English and agreed upon by Mr. Bailey and himself; and that pursuant to the President's request the name of Mr. John H. Harjes had been inserted provisionally, subject to the approval of this Board. The Secretary, Mr. Meadowcroft stated that this Power had been translated from English to French by Mr.

The Board decided to approve of the inserting of Mr. Harjes' name in the Power, and, on motion, the following Resolution was unanimously adopted, viz:

RESOLVED: That authority be and hereby is now given to the President of this Company to execute the following Power of Attorney, <sup>in the name of this Company,</sup> and the Secretary of this Company to affix thereto the seal of this Company, and to attest it, viz:

*(Here copy in-bathin  
the above-named Special Power)  
1/2 page*

THIRD:--Major Eaton, then called attention to the following Paragraph in Mr. Bailey's above mentioned letter to him, dated Philadelphia, January 3, 1885, the Paragraph, being, as appears by Mr. Bailey's <sup>said</sup> letter, an extract from a letter received by him from M. Leon, as follows, to wit:

"P. S. It is well understood that you are to remit to us Two Hundred and Seventy Parts of Founder (this is as arranged heretofore) to retire the Parts of the Industri-

"elle & Electricque, held in France."

Major Eaton stated that Mr. Bailey had advised him that what ought now to be done in this regard is for this Board of Directors to instruct our proposed Attorney, at Paris, (Mr. Harjes), to place 270 Parts of Founder, of the Compagnie Continentale, at the disposition of M. Leon, said Parts of Founder to be in addition to the 2,000 parts of Founder, <sup>provided for in the above Special Powers</sup> but that none of these Parts should be sent to Paris unless the present proposed Fusion of the three French Companies were carried out.

On motion, the Secretary was authorized to prepare a letter to this effect to Mr. Harjes, and the officers of the Company were directed to turn over, for the purpose mentioned in Leon's letter, the said Parts of Founder, to the number of 270 Parts, whenever requested so to do by Mr. Harjes. The Secretary was directed to request Mr. Edison, as President, to sign the said letter.

FOURTH:--Regarding the Concessions in the Contracts with the German Company, mentioned as the second item in the Minutes of the Meeting of the Directors of this Company held January 5, 1885, Major Eaton stated he had gone over the subject again with Mr. Bailey, since the last meeting, and recommended the adoption of the following resolution, which, on motion of Major Eaton, was unanimously adopted, to wit:

WHEREAS, Mr. J. F. Bailey submitted to this Company on the 4th day of October, 1884, a certain printed paper headed as follows, to wit:

"Articles of Association of the German Edison Com-  
pany in which changes are proposed, and new Articles to  
be added;" and

*at the signed  
of Mr. Bailey  
who was  
present by  
invitation at  
the said  
meeting,*

WHEREAS the said printed paper was recorded as a  
part of the Minutes of a meeting of the Directors of this  
Company held on the fifth day of January, 1885, at which  
time the propositions of the said paper were amended and  
modified to the extent of three certain items, the same be-  
ing marked respectively, a, b and c, in No. 2 of the Minutes  
of the said Meeting; and

WHEREAS it is now the intention of this Board of  
Directors to approve of the Concessions in the Proposed  
New Contract of the said German Company, as specified in the  
said printed memorandum, but the same being subject to the  
modifications of the specified items marked as above in No. 2  
in the Minutes of the said meeting of January 5, 1885: *it is the*

RESOLVED That the President of this Company be,  
and hereby is instructed to notify our attorney at Paris,  
to wit, Mr. John H. Harjes, that this Company approves of  
the said Concessions in the Contract with the German Company  
as expressed in the said printed memorandum submitted to and  
forming a part of the Minutes of the said Meeting of the  
Board of Directors held on the 5th day of January, 1885,  
subject, however, to the following modifications, also re-  
corded in the Minutes of the said Meeting as above set  
forth, to wit:

(a) Both Austria and Hungary are to be excluded from  
the said proposed new German Contract, and are therefore to  
be stricken out of the said printed memorandum of October

*not approved  
Gallen*

4th, 1884, submitted by Mr. Bailey.

(b) It is further agreed that as regards those Countries in Europe where there are no Patents and where no Patents are allowed, the said Countries are to be free and open for exploitation and for the doing of business to both the Compagnie Continentale and the German Company, each being free to exploit its own business, at will, in the said Non-Patent Countries.

(8) The sum of Fifty Thousand (50,000) Marks mentioned in "Article 35" of the said printed memorandum of Mr. Bailey, to be paid by the German Company, are to be paid by the said Company to the Compagnie Continentale as a premium, and are not to be reimbursed to the German Company on account of royalties or otherwise; and of this said amount of Fifty Thousand (50,000) Marks, one-half thereof, to wit, Twenty-five Thousand (25,000) Marks, are to be immediately paid over to the Edison Electric Light Company of Europe, Limited, through their Paris Attorney, Mr. John H. Harjes, just as soon as the above mentioned proposed Contract between the German Company and the Compagnie Continentale is closed, the said Company, to wit, the Edison Electric Light Company of Europe, Limited, being already under obligation to pay this amount, Twenty-five Thousand (25,000) Marks, to the Bond-holders of said Company, at New York City; and *the v. John Harjes*

RESOLVED that the said Changes and Concessions, as above set forth, be and are hereby approved, subject, however, to the said cash payment by the German Company to the Compagnie Continentale of the said Fifty Thousand (50,000)

Marks, and provided, further, that one-half of the said sum, as soon as received, be at once paid over to this Company as above.

The Secretary was instructed to send certified copies of the foregoing resolution to Mr. Harjes, and to the Compagnie Continentale.

FIFTH:--Regarding the proposed Fusion in Europe with the Jablochkoff Company, the same to be accomplished through M. Pountaine, Major Eaton stated that the matter had been approved at the meeting of the Board, January 5, 1885, and had since been approved by Mr. Edison in writing.

The following Resolution was on motion of Major Eaton unanimously adopted:

RESOLVED: That the Proposed Fusion in Europe with the Jablochkoff Company, the terms and details of the said Fusion being particularly set forth (1) in a certain printed Memorandum submitted by Mr. J. F. Bailey to this Company on October 20th, 1884, the same being a part of the Minutes of the meeting of <sup>this Board</sup> this Company held January 5th, 1885; and (2) in a certain letter from the said Mr. J. F. Bailey, dated Philadelphia, January 3, 1885, addressed to Major S. B. Eaton, Second Vice-president, (said letter also being a part of the Minutes of the meeting of this Board held on January 5th, 1885), be and hereby are approved, provided, however, that the said Fusion, when made, does not lessen either the percentage of profit, or the amount of lamp royalty, coming, accruing, or belonging to the proposed total number of Parts of Founder in the proposed new Fusion Company (of which this

Company is to be given its proportion, as stated in the aforesaid documents submitted by Mr. Bailey), the said percentage and the said amount of lamp royalty being more particularly set forth (1) in the aforesaid certain printed memorandum submitted by Mr. Bailey to the officers of this Company on October 30, 1884, and (2) in the aforesaid letter from Mr. J. F. Bailey, dated Philadelphia, January 3, 1885, addressed to Major S. B. Eaton, Second Vice-president.

SIXTH:--Regarding the ratification of the Contract with the St. Etienne Company, acted on at the meeting of the Board, January 5, 1885, the following Resolution was, on motion of Major Eaton unanimously adopted:

RESOLVED: That the Secretary of this Company be and hereby is authorized to notify the Compagnie Continentale that the Contract with the St. Etienne Company heretofore submitted to this Company for approval be and the same is hereby approved; and that the copy of the said contract now in our possession be filed away in the archives of this Company, by the Secretary, duly marked and endorsed as having been approved at this meeting.

SEVENTH:--Regarding the ratification of the arrangement heretofore made by the Compagnie Continentale touching the proposed central station at Dijon, the following Resolution was on motion of Mr. <sup>2</sup> unanimously adopted:

RESOLVED: That the Secretary of This Company be and hereby is instructed to notify the Compagnie Continentale that the proposed arrangement for the central station

at Dijon is approved by this Company, on the terms set forth in the Minutes of the meeting of the Directors of this Company, held January 5, 1885; and that the Secretary is instructed to send to the said Compagnie Continentale a certified extract from the Minutes of the said meeting, so far as they relate to this subject matter.

EIGHTH:--Regarding the Powers of Attorney made out and executed in the name of John H. Harjes, the following Resolution was, on motion of *Major Eaton*, unanimously adopted, viz:

RESOLVED: That the Secretary of this Company notify Mr. John H. Harjes that if hereafter he should desire to associate any other person with himself as the Attorney, at Paris, of this Company, this Company will be pleased to consider the matter, and will no doubt accede to his wishes; but that the Directors of this Company express the hope that Mr. Harjes will, at least for the present, give the matter his personal attention, *exclusively*.

NINTH:--The Secretary of the Company was, on motion, instructed to notify Mr. Harjes that the General Power of Attorney heretofore authorized at this meeting to be made out in his name is to be used only for the purposes of the proposed fusion of the three French Companies, as explained (1) in the printed memorandum of Mr. Bailey, submitted October 30th, 1884, heretofore referred to in these Minutes, and (2) in Mr. Bailey's letter to Major Eaton, dated Philadelphia, January 5th, 1885, likewise heretofore referred to in these Minutes.

TENTH:--Major Eaton stated that pursuant to the plan heretofore agreed upon between this company and Mr. Bailey, the latter representing the Compagnie Continentale, this Company is to deposit a certain number of its Parts of Founder in the Compagnie Continentale, to wit, 2,000 of the said Parts, with Mr. D. Wallerstein, New York City, subject to the disposition of the Compagnie Continentale, and Mr. Harjes, our attorney at Paris, jointly.

Major Eaton stated that we are also to deposit, additional to the above said Parts of Founder, 270 more of them, with Mr. Wallerstein the same to be delivered hereafter by our attorney, Mr. Harjes to M. Leon, at Paris; but that neither of these lots of Parts of Founder are to be actually deposited until this Company receives notice that a Stockholders' Meeting of the three French Companies shall have been called, at Paris, to carry out the Proposed Plan for the Fusion of the said three Companies. <sup>At</sup> The above two matters

The following resolution was then on motion of

Mr. <sup>John H. Harjes</sup> ~~Eaton~~ unanimously adopted, viz:

RESOLVED: That the Secretary of this Company is hereby instructed to notify the <sup>Mr. J. F. Bailey</sup> Compagnie Continentale, and our attorney, Mr. Harjes, both at Paris, that this Company will deposit with Mr. D. Wallerstein, No. 174 William Street, New York City, <sup>two hundred and seventy</sup> two thousand-(2,000)-Parts of Founder in the Compagnie Continentale; to the joint order of <sup>the Compagnie Continentale and John H. Harjes</sup> the Compagnie Continentale and John H. Harjes; and that this Company will also deposit with the said Wallerstein, two hundred and seventy-(270)-additional Parts of Founder in <sup>to the order of the said John H. Harjes</sup> the said Company, to be delivered by the said Harjes to M.

are to be delivered to the same place as the above and their actions, subject of these Minutes.

1  
Bis-Leon, Paris, <sup>and</sup> but that the foregoing ~~two~~ deposits with  
the said Wallerstein, <sup>shall actually</sup> ~~will not~~ be made by this Company,  
<sup>on notice from Mr Wallerstein that the Compagnie Continentale has</sup>  
here, until <sup>the</sup> meetings of the Stockholders in the three French  
Companies, to wit, (1) the Compagnie Continentale, (2) the  
Compagnie Industrielle, and (3) the Societe Electrique,  
shall have been called to take action upon the proposed Fu-  
sion of the said three Companies; <sup>and</sup> and be it further

RESOLVED: That a certified copy of this resolution  
be delivered by the Secretary of this Company to the said  
Wallerstein, and that certified copies be also <sup>be</sup> mailed by the  
Secretary to the Compagnie Continentale and Mr Harjes: //

(ELEVENTH:--Regarding the resignation of S. B. Eaton  
as an Officer and Director, and the adjustment of his ex-  
isting interest with the company, matters which were brought  
up at the meeting of Directors, January 5th, 1885, and laid  
on the table for further consideration, he stated that it  
was important to him to have the matter settled at an early  
day.

After some discussion ~~the following decision was~~  
~~reached, viz:~~ *no action was taken.*)

11  
TWELFTH:--The following Resolution was, on motion  
of *Major Eaton*, adopted, viz:

RESOLVED: That the two Powers of Attorney, acted on  
at the beginning of this meeting, to wit, the General Power

of Attorney relating to Fusion, and the Special Power of Attorney relating to the 2,000 Parts of Founder, as soon as the same are executed, be deposited with D. Wallerstein, No. 174 William Street, New York City, and that he be requested to cable the fact of said deposit, immediately upon the deposit being made, to the Compagnie Continentale, Paris; and be it further

RESOLVED: That a certified copy of this resolution be forwarded by the Secretary of this Company to the said Wallerstein, and <sup>ies</sup> another certified copy to the Compagnie Continentale, <sup>and to John H. Harjes, Paris.</sup>

<sup>12</sup> THIRTEENTH:--On motion of Major Eaton the following Resolution was unanimously adopted, viz:

RESOLVED: That a certified copy of the Minutes of this meeting; also of the Minutes of the meeting of this Board held January 5th, 1895; together with certified copies of the Minutes of any other meetings of this Board which may contain matters that, in the opinion of either the President or the Secretary of this Company, Mr. Harjes ought to be informed about touching his future relations to this Company as its resident attorney at Paris, be made and forwarded by the Secretary to him, the said Harjes, for his information; and that he be requested to consider the same, so far as they relate to the subject matters confided to his care, as out attorney, <sup>ad</sup> in fact, <sup>his</sup> instructions from this Board <sup>touching the said subject matters.</sup>

<sup>13</sup> FOURTEENTH:--The Secretary was, on motion, directed to notify Mr J. F. Bailey of the action taken at this meet-

ing touching the various matters considered; and the officers of the Company were directed to confer with Mr. Bailey, as occasion may arise, touching any details that may facilitate the business now on hand, and to invite him to favor this Company with his continued co-operation in closing up the present unfinished business of the three French Companies, and other matters therewith connected.

*Insert  
of  
#*

*Insert Recd. about Bailey*

*approved  
T. A. Adams  
affirmed J. H. Eaton*

Law Offices

EATON, LEWIS & NICOLL

S.B. EATON      EUGENE H. LEWIS  
DR. LANCEY NICOLL

Personal

120 Broadway (EQUITABLE BUILDING)

New York Feb 4 1885

Dear Edison -

Referring to my note of  
Jan'y 24<sup>th</sup>. did you find those  
letters from me to you in your safe.  
and do they refresh yr memory?

I am very desirous of having my  
matters with the European Co. settled -

I am very sorry to annoy you  
but you know I have only you to look  
to for justice in the premises.

Very truly yours

T.A. Edison Esq.

T. B. Eaton

Law Offices

EATON, LEWIS & NICOLL

120 Broadway (EQUITABLE BUILDING)

S. B. EATON      EUGENE H. LEWIS  
By LANCEY NICOLL

New York Feb 5 1885

Dear Edison -

Your note of 5th inst. at hand  
saying you have had my letter in yr eye  
and that it does not reach my salary  
to yr mind. This is getting interesting.

Very truly yours

J. H. Eaton

P. A. Edison Esq.

59 WALL STREET  
NEW YORK.

March 25<sup>th</sup> 1875

Dear Inman:—

Kindly inform me what progress  
the European Consolidation matter has  
made, and when you think the bond  
matter will be arranged? Your attention  
also much obliged

Sincerely,  
Edwin W. Foote

ELECTRICAL ENGINEERS  
AND  
MANUFACTURERS.

GENERAL AGENTS FOR THE  
EDISON LAMP COMPANY,  
FOR THE SALE OF  
LAMPS OF ONE TO SIX CANDLE POWER,  
ALSO  
DENTAL AND SURGICAL LAMPS.  
ROCKEF BATTERIES.

GEO. H. STOUT.

WM. H. MEADOWCROFT.

J. L. BARCLAY.

STOUT, MEADOWCROFT & CO.,

21 ANN STREET.

New York,                      1885

Dear Innes:

I can meet you at 65 5<sup>th</sup> Ave.  
tonight or tomorrow night if convenient to you  
to turn over the European papers. Will you  
kindly let me know what night will suit  
you.

Here is a European Co letter which  
was sent to me this morning. I send it to you  
as you are going to attend to these matters.

Yours very truly  
Wm Meadowcroft

ELECTRICAL ENGINEERS  
AND  
MANUFACTURERS.

SOLE AGENTS FOR THE  
EDISON LAMP COMPANY,  
FOR THE SALE OF  
LAMPS OF ONE TO SIX CANDLE POWER,  
AND  
DENTAL AND SURGICAL LAMPS.  
ROCKEFOR BATTERIES.

GEO. H. STOUT.

WM. H. MEADOWCROFT.

J. L. BARCLAY.

STOUT, MEADOWCROFT & CO.,

21 ANN STREET.

New York, April 8 1885

Samuel Insull, Esq

Dear Sir:

I handed the Powers of Attorney for  
consolidation of the Paris Companies to Major Eaton who  
is attending to this matter for Mr. Upson. They were  
sent about 10 days ago. I handed the German Powers  
to Mr. Walenstein to forward to Paris.

Shall I now hand in my resignation,  
or shall I make the oath to the Tax Return first?  
This is due on the 10<sup>th</sup> & should be attended to at once.  
If you will have them prepared I will swear to  
it. Perry swears to the One Meeting. This ought  
to be done today or tomorrow.

The Consul, Consul Clerk & notary fees on French  
Powers of Attorney were \$4.75  
on German Powers of Attorney 4.10  
8.85.

Will you please send me check.

Yours very truly  
W. H. Meadowcroft

CITY AND COUNTY OF NEW YORK, SS:

*Business done*  
WILLIAM H. HEADWORTH being duly sworn deposes and says:

I am Secretary of the EDISON ELECTRIC LIGHT COMPANY of Europe, Limited, and make this statement in addition to the return of said Company verified and filed on April 1885, and make it a part thereof.

The entire capital stock of the Company, 32,000,000, has been issued for patents. There have been no profits whatever, and there are existing liabilities of over \$135,038.50 without any assets. There has been constant outlay and no profit or dividend.

The Company is not engaged in manufacturing, nor does it own, lease or use any factory, machinery or manufacturing appliances. It is not engaged in selling machines or merchandise of any description, nor does it carry a stock of goods or merchandise. The only business the Company has ever done was to take out patents in European countries for MR EDISON'S ELECTRIC LIGHT INVENTIONS. The value of these patents is still in doubt, and thus far they have resulted in no profits whatever.

The stock has no regular market value. It is ~~not~~ selling for ~~any~~ per share, the par-value being \$100. If the stock were placed on the market in any quantity, even though to only a reasonable extent, the price would ~~be broken, and~~ probably no sales could be made at all.

*Wm. H. Headworth*  
*Secretary*  
*St. Co*

I believe that no correct conclusion as to the taxable value of the stock can be deduced from any prices that have been paid for the stock hitherto; and further that the stock has as yet only a merely nominal value. The sole and only assets of the Company consists of a Contract between it and a European Syndicate. I therefore aver, in behalf of the Company, that within the meaning of the tax laws of the State the property of the Company has no taxable value, and that the Company should not be taxed on any sum whatever.

Subscribed to and Sworn before me

this day of April, 1908.

John T. Fowler  
Notary Public

# DEPARTMENT OF TAXES AND ASSESSMENTS, COMMISSIONERS' OFFICE.

and State the full name of the Corporation.

State Zetling Building, Tryon Row.

STATEMENT made and delivered to the COMMISSIONERS OF TAXES AND ASSESSMENTS of the City and County of New York, for and in behalf of the

*Edison Electric Light Company of New York Limited*

showing the condition for the financial year ending on the 31st day of January, 1887.

and the amount of the assets, liabilities, and income of the Corporation for the year ending on the 31st day of January, 1887.

Capital stock actually paid in, or assumed to be paid in, by the Corporation, \$ 2,000,000

Amount of Surplus Earnings, \$ 100,000

Rate of Dividend for last year, or last Annual Dividend, % 5

Is the Company assessed by the State under Chapter 811, Laws of 1881

Liabilities in detail, as follows:

*Debit to Cash - 100,000*

*Debit to Accounts Payable - 100,000*

*Debit to Accounts Receivable - 36,935*

*Debit to Prepaid Insurance - 100,000*

*Debit to Other Assets - 100,000*

*Debit to Other Liabilities - 100,000*

*Debit to Other Assets - 100,000*

*Debit to Other Liabilities - 100,000*

*Debit to Other Assets - 100,000*

*Debit to Other Liabilities - 100,000*

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*Debit to Other Assets - 100,000*

*Debit to Other Liabilities - 100,000*

*Debit to Other Assets - 100,000*

*Debit to Other Liabilities - 100,000*

City of New York, ss: *William H. Woodhull*, *Deputy*

of the said Corporation, being duly sworn, do hereby certify and declare

that the foregoing statement is in all respects just and true.

Sworn to before me, this *10th* day of *April*, 1887.

*John H. Woodhull*

*John H. Woodhull*

*John H. Woodhull*

*John H. Woodhull*

*John H. Woodhull*

*John H. Woodhull*

*John H. Woodhull*

*John H. Woodhull*

*John H. Woodhull*

List of Stockholders  
of the

Edison Electric Light Co of Europe

|                         |      |
|-------------------------|------|
| Aphley, Edward W.       | 3    |
| Ayres, Jane L.          | 5    |
| Albunda, E.             | 5    |
| Alsop, Henry W.         | 14   |
| do, Gustavie G.         | 3    |
| Abbott, Miss Ida J.     | 6    |
| Banker, James H.        | 3333 |
| Barker, Geo F.          | 25   |
| Bass, Edgar W.          | 25   |
| Blair, Fanny            | 1    |
| Bailey, Floyd           | 35   |
| do, Latimer             | 50   |
| do, Eliza J.            | 5    |
| Batchelor, G.           | 271  |
| Brant, Jno              | 3    |
| Bathurst, Chas          | 10   |
| Bergman, J.             | 7    |
| Burg, Louisa            | 1    |
| Bishkup, Saml           | 190  |
| Barman, Wm              | 60   |
| do, G. C.               | 4    |
| do, G. B.               | 6    |
| Campbell, J. R.         | 21   |
| Clarke, Chas L.         | 20   |
| Caymans, Chas L.        | 3    |
| Chas & Higginson        | 10   |
| Castelbolognesi Jacques | 13   |
| Berqua, A. C.           | 5    |
| Browell, Eugene         | 25   |
| Forward                 | 4819 |

|                          |       |
|--------------------------|-------|
| Cox, Mrs. Eliza Adelaide | 4819  |
| Colby, C. A.             | 25    |
| Colb, J. D. Jr           | 24    |
| Congdon, A. W.           | 2     |
| do Geo. C.               | 1     |
| Coddington, Herbert      | 9     |
| Cutting, R. L.           | 50    |
| do J.                    | 315   |
| do William               | 350   |
| do W. L.                 | 25    |
| Cunningham, Mrs. Mary C. | 175   |
| Curtis, John W.          | 1     |
| de Puckas, Francis       | 1     |
| Dearing, James           | 150   |
| Dodson, R. B.            | 10    |
| Divine, Michael W.       | 5     |
| Edison, Thos. R.         | 5     |
| Earl, Wm W.              | 5564  |
| Eaton, S. B.             | 13    |
| Edey, Chas. C.           | 55    |
| Elliott, J. C.           | 10    |
| Faber, Alfred            | 10    |
| Fatman, J. J.            | 5     |
| Forbes, John C.          | 10    |
| Foot, Frederick W.       | 1     |
| Ganier, Wm H.            | 20    |
| Greene, Gardner          | 1     |
| Griffin, S. L.           | 10    |
| Gillensleeve, W. H.      | 2     |
|                          | 170   |
| Forward                  | 11838 |

|                          |       |
|--------------------------|-------|
| Gostenhofer, Frederic C. | 11838 |
| Godfrey C. H.            | 3     |
| Goddard, Calvin          | 2     |
| Gower, Geo. Lewis. Atty  | 5     |
| do do for F. A. Gower    | 300   |
| do do                    | 1160  |
| Harland, Thomas          | 97    |
| Hegewich, A.             | 150   |
| Holgate, A. L.           | 40    |
| Hunt, A. C.              | 4     |
| Jaffray, Robt Jr         | 5     |
| Jaguer, W. L.            | 2     |
| Jimbie, H. J.            | 35    |
| Jehl, Francis            | 9     |
| Johnston, L. C.          | 3     |
| Johnson, L. C.           | 5     |
| Jones, F. H.             | 20    |
| Johnston, F. M. Jr       | 9     |
| Johnson, Edwin H.        | 7     |
| do Chas H. Jr            | 5     |
| Judson & Newton          | 5     |
| Inaull, Saml             | 2     |
| Krensi, John             | 59    |
| Keyes, Dr E. L.          | 20    |
| King, Chas. H.           | 5     |
| Kilson, Arthur           | 3     |
| Knight, Geo H.           | 7     |
| Krohn, Albert            | 3     |
| Ladd, Maud C.            | 5     |
|                          | 2     |
| Forward                  | 13810 |

|                      |       |
|----------------------|-------|
| Lancaster, Chas. B.  | 13810 |
| Leuer, Oscar         | 5     |
| Leon, Elie           | 30    |
| Livingston, Herman   | 17    |
| McLaughlin, Frank    | 1     |
| McKesson, S. C.      | 105   |
| Meadowcroft, W. H.   | 2     |
| McLean, J.           | 1     |
| Miller & Peck        | 3     |
| McGinnis John J.     | 200   |
| McGinnis A. W.       | 5     |
| do Eugene            | 91    |
| Miller, W. B.        | 10    |
| Mott, Saml. D.       | 500   |
| Moore, W. H.         | 10    |
| do, W. J.            | 5     |
| Moses, Otto A.       | 5     |
| Morgan, J. W.        | 45    |
| Moller, H.           | 3     |
| Mott, Chas. P.       | 11    |
| Nicherson, J. H.     | 2     |
| Norris, Mrs. Mary R. | 15    |
| Ord, John W.         | 1     |
| Parsons, Levi        | 8     |
| Paul, James H. Jr.   | 10    |
| Plattby, Adolph. L.  | 1     |
| Pelton, Guy R.       | 50    |
| Perry, H. D.         | 19    |
| Pedcock Mrs. L. B.   | 706   |
|                      | 3     |
| Howard               | 15664 |

|                       |        |
|-----------------------|--------|
| Pike, J. Truitt       | 156 64 |
| Porter, John K.       | 10     |
| Puckas, Theodore      | 10     |
| do Sapostas           | 190    |
| Puleston, J. H.       | 137    |
| Randolph, Margaret A. | 25     |
| Richmond, James       | 2      |
| Rogers, H. S.         | 10     |
| Rousseau, Constant    | 5      |
| Sapostas, C. H.       | 490    |
| do Harriner           | 5      |
| do A. J.              | 10     |
| Saltonstall, E. B.    | 8      |
| Samson, H. L.         | 1      |
| Sheppard, Lydia C.    | 103    |
| Stevens, E. A.        | 1      |
| Stein, Aug            | 3      |
| Schleingh, F. S.      | 2      |
| Smith, Chester J.     | 1355   |
| do Leta V.            | 2      |
| do Mortimer F.        | 1      |
| Smithers Mrs Louis M. | 3      |
| Sillock Geo H.        | 4      |
| Schroeder Chas        | 3      |
| Storrs Henry          | 2      |
| Scott, Geo H. Co.     | 2      |
| Soren, Geo. W.        | 40     |
| Squires, C. W.        | 10     |
| Thomas, Geo. C.       | 5      |
|                       | 17     |
| Forward               | 18120  |

|                      |             |
|----------------------|-------------|
| Upham, John B        | 18120       |
| Unger, Chas H.       | 300         |
| Upton, F. R          | 2           |
| Von Hoffmann L H.    | 305         |
| Wätjen Louis         | 150         |
| do, Joel H.          | 110         |
| Walton, Javed        | 45          |
| Warren Schuyler W H. | 1           |
| Wallerstein H.       | 500         |
| Whiting Miss Mary A. | 442         |
| do Bradford. A       | 10          |
| do Lamartine         | 10          |
|                      | 5           |
|                      | <hr/> 20000 |

I certify the foregoing to be a  
correct list of the stockholders of  
the Edison Electric Light Co of Europe  
at close of business May 4, 1885.

By  
J McCardozo

5564  
Know all Men by these Presents,  
That I, Thomas A. Edison

do hereby constitute and appoint Samuel Insull

Attorney and agent for me, and in my name, place and stead, to vote  
as my proxy at the annual meeting of the  
Edison Electric Light Company of  
Europe Limited to be held  
Wednesday 6<sup>th</sup> May 1885  
according to the number of votes I should be entitled to vote, if then per-  
sonally present.

In Witness whereof, I have hereunto set my hand and  
seal this 5<sup>th</sup> day of May one thousand  
eight hundred and eighty five

Sealed and Delivered in the Presence of

Thomas Edison

Board of Directors  
Edison Electric Light  
Company of Europe,  
Limited, May 6th. 1885.

Thomas A. Edison,

R. L. Cutting,

Fredrick W. Foote,

Charles Batchelor,

Samuel Insull.

Thomas A. Edison  
By Samuel Insull  
Attorney  
5564 Shares

Know all Men by these Presents,  
That I, Charles Batchelor

do hereby constitute and appoint Samuel Insull

Attorney and agent for me, and in my name, place and stead, to vote  
as my proxy at the annual meeting  
of the Edison Electric Light Company  
of Europe, Limited to be held Wednesday  
May 6th 1885  
according to the number of votes I should be entitled to vote, if then per-  
sonally present.

In Witness whereof, I have hereto set my hand and  
seal this 5th day of May one thousand  
eight hundred and eighty

Sealed and Delivered in the Presence of

Charles Batchelor

Board of Directors  
Edison Electric Light  
Company of Europe,  
Limited, May 6th. 1885.

Thomas A. Edison,

R. L. Cutting,

Frederick W. Foote,

Charles Batchelor,

Samuel Insull.

Charles Batchelor  
My Sam Insull  
My Charles

Know all Men by these Presents,  
That I, Francis R. Upton

do hereby constitute and appoint Samuel Insull

Attorney and agent for me, and in my name, place and stead, to vote  
on my proxy at ~~any~~ <sup>annual</sup> meeting of the  
Edison Electric Light Company  
of Europe Limited to be held  
Wednesday 6<sup>th</sup> May 1888  
according to the number of votes I should be entitled to vote, if then per-  
sonally present.

In Witness whereof, I have hereto set my hand and  
seal this 6<sup>th</sup> day of May one thousand  
eight hundred and eighty five  
Francis R. Upton

Sealed and Delivered in the Presence of

Board of Directors  
Edison Electric Light  
Company of Europe,  
Limited, May 6th. 1888.

Thomas A. Edison  
E. L. Cutting,  
Frederick W. Foote  
Charles Hatchelor  
Samuel Insull.

Francis R. Upton  
Samuel Insull  
Attorney  
SOS Shares

Provs &c in regard to meeting of  
Edison Electric Light Company  
of Europe Limited.  
Meeting held May 6-1885

Board of Directors  
Edison Electric Light  
Company of Europe,  
Limited, May 6th. 1885.

Thomas A. Edison  
R. L. Cutting,  
Frederick W. Foote  
Charles Watcheler  
Samuel Insull.

*Samuel Insull*  
*59 shares*

Board of Directors  
Edison Electric Light  
Company of Europe,  
Limited, May 6th. 1885.

Thomas A. Edison  
R. L. Cutting,  
Frederick W. Foote  
Charles Batchelor  
Samuel Insull.

*Emory H. Johnson*  
*- 5 Chances*

Board of Directors  
Edison Electric Light  
Company of Europe,  
Limited, May 6th. 1885.

Thomas A. Edison,  
R. L. Cutting,  
Frederick W. Foote,  
Charles Batchelor,  
Samuel Insull.

*Eugene Crowe*  
*25 Chances*

[MAY 6, 1885]

|                 |           |          |   |
|-----------------|-----------|----------|---|
| E. H. Johnson   | In Person | 5 Shares |   |
| D. A. Upton     | By Proxy  | 305      | " |
| Saml. Brewster  | In Person | 59       | " |
| Thos. A. Edison | By Proxy  | 5564     | " |
| Chas. Batchelor | "         | 871      | " |
| Ernest Lovell   | In Person | 25       | " |

7-1-10

Form L 1200-6-11-'05.

THOMAS A. EDISON,  
No. 65 FIFTH AVENUE.

New York, July 17th. 1885. 188

T. A. Edison, Esq.

Boston, Mass.

My Dear Edison:-

We held a Board meeting of the European Company to-day and ratified the Belgium contract. Will you please sign the enclosed three letters and return them to me immediately, as I must have them here by Monday morning. The document which goes with the letter you sign as President of the Edison Electric Light Company of Europe, Limited, I will have ready by the time the enclosed letters get back to me. We decided at the Board meeting to cable Upton to get him to obtain the best possible proposition from Rau with relation to the fusion of the three companies and cable it over here for our approval. Please do not fail to attend to the dispatching of the enclosed letters, as I must have them here by Monday morning.

Very truly yours,

*T. A. Edison*

In the Matter  
of the Estate  
of  
Frederick T. Gower  
Deceased

Defendant

Notification as to  
non-transfer of  
stock

STAPLER & WOOD,

Attorneys for

39 NASSAU STREET,

NEW YORK CITY

Edison Electric Light Co.  
of Europe (Limited)  
Plaintiff

Just and timely service of a copy of the within

Meadowcroft  
Defect, 171 Lane 188  
Brookville 65 5 Ave.  
Attorney for

Stapler and Wood  
Law Offices

39 Nassau Street,  
New York Oct 8/18

In the Matter  
of the Estate of  
Frederick T. Gower  
Deceased

Edison Electric Light Co of Europe (limited)  
Dear Sir

You are hereby notified  
by us, as Attorneys for Mrs Frederick T. Gower,  
widow of the said Frederick T. Gower, deceased,  
that she has duly applied in the State of  
Massachusetts, being the place of the last domicile  
of the said Frederick T. Gower, for Letters of  
Administration on the estate of the said Frederick  
T. Gower, deceased; and you are further notified  
by her wish to permit any transfer upon your  
books, or upon the books of any of the Edison  
Light Companies of any shares of stock standing  
in the names of either Frederick T. Gower,  
George T. Gower, personally, or as attorney, ✓  
Thos. T. Sargent, Martha J. Sargent, Maria  
Gower Sargent, Mrs Thos T. Sargent, William  
T. Gower, George M. Hale, Mrs M. D. Gower or  
Eydia Gower.

You will further please take notice that for

any act on your part contrary to the above  
notification you will be held liable in all  
the damages arising therefrom.

Very truly yours  
Chapler and Hood

Attorneys for  
Mrs Frederick A. Goss.

MEMO OF C. P. BARTON  
TO THE BOARD OF DIRECTORS OF THE Edison Electric Light  
Company of Europe, Limited.

You will remember that this Board ratified an agreement of fusion of the Societe Electrique Edison and Societe Industriale Edison with the Compagnie Continentale Edison all of Paris, the agreement being known to us more particularly as the Bailey agreement and Mr. Seigel of Drexel, Hedges & Company of Paris, your attorney there was authorized to sign it. The enclosed letter, received from Mr. Seigel and dated December 24, 1885, encloses a copy of a contract which has been presented to him to sign and which he has refused to do without first submitting it to you and receiving your instructions. He calls your attention to the fact that the Paris Companies have dropped entirely the basis of a fusion with the Compagnie Continentale and this contract which he is now asked to sign has for its basis a fusion of the Compagnie Continentale and the Societe Electrique with the Societe Industriale and Commerciale at Paris.

In this letter he calls your attention to many points of difference. The first of which is on page 7 in last paragraph of article 3. In the Bailey contract you had the right to step in at any time (where the patents of Mr. Edison were in danger of infringement or annulment) and establish the validity of the patents. This right is granted without question. This new contract puts forward the clause which seems to give away your right, in as much as it says that, "Even if Mr. Edison or the Light Company should have made use of this right at any time, an arrangement could still be concluded by the Societe Industriale and Commerciale Edison." This seems to me to deny to us the right (if we think it best) to have these patents vindicated in a court of law as it might be very profitable to them personally if the lawsuit should not proceed.

In paragraph 4, page 7, where in your former contract you have it clearly understood that under no pretext or condition can the benefits that accrue to you as holders of the parts of founders be either modified or diminished even in case of a fusion or an understanding with any other Company, ~~to this they have added in this new contract, "Even with another company exploiting patents other than the patents of Edison."~~ This addition I cannot see at present that it will harm us but I do not see any use in putting it in at all.

Article 15, page 8, provides in this contract for a sinking fund, whereas in your other contract no such sinking fund was provided for. In the statutes of the Compagnie Continentale Edison there is no provision for this sinking fund but the capital was obliged to be all paid back before the parts of founder could receive anything. In the statutes of the Societe Industriale it is provided that a sinking fund shall be made, which shall be paid off the capital stock in a certain number of years as it may be fixed by the Board of Directors. You will remember one of the principal points of controversy and one of the principal advantages to be

derived by your Company, when the Bailey agreement of fusion was made, was the capital of the Compagnie Continentale and Societe Electrique was not to be paid back previous to the parts of founder receiving any benefit. If my memory serves me right however I think that a fund of a amortissement is a thing in France which the first Board of Directors can vote and therefore if this is so it would not be worth while for you to raise an objection to it's being put in the statutes, ~~for the first Board that sits can vote it.~~

Page 10 and 11 in article 43 has an additional clause which seems objectionable. After recounting that as one of the charges of general expense a royalty (payable to the parts of founder of 11 centimes for all lamps of 5 candles and below and of 22 centimes for all lamps of six candles and above) shall be paid, it adds the following peculiar sentence, "In no case shall there be paid to the parts of founders more than one royalty for each lamp and the Societe Industriale will never have to pay a royalty greater ~~to it~~ than it shall have received itself and only after it shall have actually been paid for it." I think that this is put in in order that lamps manufactured in Germany which pay a royalty to the Edison Compagnie in Paris under contract shall be excepted from the general rule of 11 and 22 centimes from the fact that by their contract the royalty that they pay to the Paris Compagnie is regulated by the lowest price of the lamp in any Edison Factory. It being therefore quite possible that at some future time the royalty paid by Germany might come slightly under these figures the Societe Industriale wishes to be secure against a dead loss. Mr. Seigel's letter says that this royalty was 50 centimes in the former contract but as I have not a plan of the former contract I cannot compare the two. I think however that the royalty of 11 and 22 centimes is lower than what he agreed on.

On page 10, same article, there is an addition of a few words that I do not think the Light Company ought to accept. It recites that Mr. Edison and the Light Company pledge themselves and their licensees never to sell or to make a delivery directly or indirectly in certain countries owned by the French Compagnie without the assent of the Societe Industriale. This in itself would be all right but there is added to this sentence the words, "under penalty of damages." This in my opinion means that the Societe Industriale, who should look after things to prevent shipments into it's patented countries, will have nothing to do but sit down and make a bill of damages in every case where this is done and Mr. Edison and the Light Company would be left in the position of employing detectives all the time to find out and stop all such deliveries and in case they do not stop all such deliveries they would have to pay whatever damage that was done.

Article 44 in which the division of profits is made in this contract provides for 6% of the capital paid up whereas your Bailey contract provided for only 5% of the capital paid up.

Seigel also calls your attention to article 46 of the statutes of the Societe Industriale reading as follows, "In cases of sufficient profits of one year to pay the interest of 6% per share the difference can be taken from the reserve fund if it


exceeds a tenth of the capital. As there was no reserve fund in our Bailey contract of course this article should not be there.

On page 12 of this contract ~~of this contract~~ we have the following, "In case of liquidation any surplus, after paying up the shares, is to be divided, 15% to the liquidators, 50% to the Board of Directors and 35% to the founders shares. Now in our Bailey agreement in case of liquidation, after paying up the capital 80% of the residue went to the share-holders and 80% went to the founders parts.

There is a final clause in this enclosed plan of contract as to any change that might become necessary in the wording of the definite contract saying that the same is of course subject to the conditions that your rights and those of the parts of founder cannot be diminished. Mr. Seigel says that the division of the parts of founder as now proposed would give you, as far as final result is concerned, a smaller interest, but Mr. Rau tells him in reply to his objection that the previous arrangement for you to deliver 270 parts of founder to Mr. Leon would be waived thus giving you the same pro rata as before. He also remarks that the new plan of contract appears to make no allusion as to your being represented on the Board of Directors. I would suggest that if this paper is accepted as a basis of contract that you by all means keep in the last clause of article 20 of the Societe Industriale which says, "By reason of their position as inventors, Mr. Edison and the Light Company, can always name one representative to be present at all the meetings of the Board of Directors of the Societe Industriale." It is quite possible that they will want him with a consultation voice only and no voting power, whatever it is we ought to have that. I also call your attention to the fact that on page 10, article 43, of their contract which says "the lamps used in the factory and buildings belonging to the Societe Industriale and Commerciale do not have to pay this royalty and this will be the case whatever is the capital of the Societe Industriale". Where this Company was simply a manufacturing company and had certain buildings in Ivry, I think this clause was quite proper that they should not be charged for lamps used in their own business, but now they are not only a manufacturing company but have <sup>large</sup> capital and can form central stations and deliver light to the public ~~therefore~~. I think it ought to be restricted entirely to the buildings of the manufacturing part of the Societe Industriale.

(4)

EDISON MACHINE WORKS  
I would make a proposition therefore that a letter be written to Mr. Seigel in the sense that this contract of fusion with the Societe Industriale is such an entire change from what we have already agreed upon that we do not want to consider the matter for a moment, that we are perfectly willing to stand by the contract we have already given him authority to sign. But if the French companies will under no condition sign that contract then if all the modifications and additions suggested by the letter of Mr. Seigel as well as those recounted in this letter are erased or put in this contract we should be glad to consider it as a basis for negotiations.



14 (1)

Fifteenth. Mr. Bailey's. Resolu =

tion of all official Relation  
with this Company was then  
presented. This as follows,

viz:

(Copy the Resol. of  
Jan 5. 85)

On motion the following Reso =  
lution was then adopted, viz:

Resolved, That the Resol =

(2)

motion of Mr. J. F. Bailey of  
all official relations with the  
Company, the same being dated  
January 5th, 1885, be and  
hereby is accepted; and he is further

Resolved, That the thanks of the  
Company are hereby tendered to Mr.  
Bailey for his past services,  
and that he be requested to give  
his friendly aid and co-operation  
to the officers of the Com-  
pany, as well as to the Com-  
pany's attorney, at Paris Mr.

(7)

Waxers, at Paris, touching  
the present unfinished busi-  
ness relating to the Fusion  
of the three French Com-  
panies.

The Secretary was directed  
to send a certified copy of  
the foregoing Resolution to  
Mr. Bailey.

By order, The Secretary  
of the Board of Directors

(4.)

meeting, it was decided to adjourn the meeting to tomorrow, at Mr. Cuttings' office, 19 William St., for further action upon all that has been done at this meeting; and that all the foregoing Resolutions and all other matters passed upon at this meeting, be considered as passed upon provisionally only, that is to say, subject to the approval of another meeting when a majority of the Board are present.

(4.)

meeting; it was decided to adjourn the meeting to tomorrow, at Mr Cuttings' office, 19 William St., for further action upon all that has been done at this meeting; and that all the foregoing Resolutions and all other matters passed upon at this meeting, be considered as passed upon provisionally only, that is to say, subject to the approval of another meeting when a majority of the Board are present.

**1885. Electric Light - Edison Lamp Company - General (D-85-028)**

This folder contains correspondence, agreements, and other documents relating to the business of the Edison Lamp Company. Most of the correspondence is by Francis R. Upton, general manager and treasurer of the company.

Approximately 50 percent of the documents have been filmed. The following categories of documents have not been filmed: routine correspondence regarding accounts; routine notices for meetings of the board of directors.

THOMAS A. EDISON,  
No. 65 FIFTH AVENUE.

NEW YORK, January 9<sup>th</sup> 1885

The annual meeting of  
the Edison Lamp Company  
will be held at the Office  
of the company, Harrison  
New Jersey on Monday January  
19<sup>th</sup> at 10 o'clock noon  
By Order

Law Inoull  
Secretary.

Check to

Francis R. Repton  
Chas. Batchelor  
Edward A. Johnson Jr. R. Repton  
Lm. Holzer  
Thos. A. Edison Master  
Mrs. Mary Edison.

Law Inoull  
Secy

Lamp Co

(1011-11)

The Edison Company for Isolated Lighting,

65 Fifth Avenue,

New York, January 16th, 1885.

To the Board of Directors of the Edison Lamp Company:-

Gentlemen:-

Please accept my resignation as a Director of your Company. It is tendered simply because I no longer hold stock, having sold my interest.

Very truly yours,

A handwritten signature in dark ink, appearing to read "J. H. Johnson". The signature is written in a cursive style with a long, horizontal flourish extending to the right.

EDISON LAMP COMPANY.

THOMAS A. EDISON, President,  
FRANCIS B. UPTON, Gen'l Mgr & Treas.

EAST NEWARK, N. J.

April 2<sup>nd</sup> 1885

Paul Russell Sicty

65-5<sup>th</sup> Ave

New York

Dear Sir,

In answer to your  
favorable men<sup>to</sup> referring  
to Lamp chimneys, I know course  
These items were sent to  
office to be charged to  
T. Edison on account of  
some experimnt. That  
John Ott or M. Horner  
had ordered.

Our Mr Hopper says  
he has had some con-  
versation with Mr Edison  
about making Carbon for  
buttons. Would it not  
be well for you to send  
us some kind of a written  
order about making Carbon  
for buttons. We will hold the  
bill here. Yours truly  
Edison Lamp Co. D.

EDISON LAMP COMPANY.

THOMAS A. EDISON, President,  
FRANCIS R. UPTON, Cashier & Treas.

EAST NEWARK, N. J.

April 2<sup>nd</sup> 1885

Paul Insull Esq  
#65-5<sup>th</sup> Ave  
New York

Dear Sir,

In answer to your  
favor of March 30<sup>th</sup> would  
say, we are satisfied to  
give our lamps to any one  
for experiments that give  
us extra sales for our  
lamps. We want to know  
however what results are  
reached and return to  
you the bill to have  
full results written on  
same before we pass  
it to your credit.

Yours truly  
Edison Lamp Co.

The Edison Lamp Co.

East Newark, N. J., April 11, 1885

S. Insull Esq  
65 Fifth Ave

Dear Sir New York City

In accordance with  
your letter of March 30<sup>th</sup>  
we shipped blackened bulbs  
to Mr Michelson and have  
received notice of their arrival  
in good condition.

Yours Truly  
Edison Lamp Co.

EDISON LAMP COMPANY.

THOMAS A. EDISON, President,  
FRANCIS B. CUYTON, Sec'y, Mfgs & Treas.

EAST NEWARK, N. J.

April 11, 1885.

Samuel Inghel, Sec'y.

65 Fifth Ave.

New York City.

Dear Sir,-

In answer to yours of  
April 8th.

We expect to ship to Mr. Prece in  
a few days 50 - 47 volt B lamps  
without sockets.

We thank you for the advance  
sheets of Mr. Prece's paper and re-  
turn the same with this.

We have received from you the  
copy of the Edison Indian and Colon-  
ial contract and will return the  
to you as soon as we have carefully  
read it.

In reply to your letter of April  
6th regarding Lamp black.

We desire to know if we are to have  
a monopoly of this business? We  
would also like information as  
to the probable amount that will

2.

EDISON LAMP COMPANY.

THOMAS A. EDISON, President,  
FRANCIS R. UPTON, Gen'l Mgr & Treas.

EAST NEWARK, N. J. \_\_\_\_\_ 188

be taken, and the price that you  
expect to get for the same?

On receipt of the information  
desired the bill already rendered  
you for chimneys will be with-  
drawn.

Yours Truly,

EDISON LAMP COMPANY,

By ~~Francis R. Upton~~ Treas.  
By P. J. D.

EDISON LAMP COMPANY.

THOMAS A. EDISON, President,  
FRANCIS B. CUYON, Gen'l Mgr & Treas.

EAST NEWARK, N. J.

April 22, 1885.

J. A. Edison, Esq.,  
65 Fifth Ave.,  
New York City.

Dear Sir,

Your favor of April  
15<sup>th</sup> regarding lamp black  
to hand.

We accept the proposition to  
make lamp black for you at  
\$1.75 per ounce, and we will hold  
ourselves in readiness so to do until  
we notify you to the contrary.

We are now about to make a  
lot and will then advise you  
in the matter.

Yours Truly,

EDISON LAMP COMPANY,

By Francis B. Cuyon, Treas.

EDISON LAMP COMPANY.

THOMAS A. EDISON, President,  
FRANCIS B. LYTTON, Gen'l Mgr & Treas.

EAST NEWARK, N. J.,

May 18, 1885

Dear Mr. Edison:

I accordance  
with your suggestion  
I wrote Holzer on  
last Wednesday to have  
material ready on this  
Monday morning.

He has given no  
attention whatever to my  
note not even verbally.

I send him to you  
to bring from you a  
clear statement of his  
duties and position.

## EDISON LAMP COMPANY.

THOMAS A. EDISON, President,  
FRANCIS R. UPTON, Gen'l Mgr & Treas.

EAST NEWARK, N. J., \_\_\_\_\_ 188

2.

The three requests to Holzer are included with this. I desire that you write me a note stating what you told me the other evening and send the same to me by Holzer.

I hate to trouble you but I have no other course open as if I wish to retain the semblance of a business system.

Yours Truly

Francis R. Upton.

Lamp Co.  
THE EDISON ELECTRIC LIGHT CO.,  
45 FIFTH AVENUE.

[June]

New York, Saturday 13<sup>th</sup> 1885

Dear Mr. Edison

After you left me yesterday Mr. Upton called and I had an opportunity of inquiring about the condition of the Lamp Co as I told you I would and I find that your estimate of the profits - net - of the Co is erroneous as instead of being \$45,000 per annum Mr Upton estimates them at from 30,000 to 35,000. This makes a great difference in my estimate of the value of the stock as the price I proposed to pay was based on net earnings of \$45,000 per annum while on a true basis of say 30,000 the net profits would be one third less. Under these circumstances it appears to me that about \$12,500 would be a fair price for the stock. Please send reply by bearer and oblige

Yours most truly  
E. Croome W

The Edison Lamp Co.

East Newark, N. J., 6/30 / 1888

Mr. T. A. Edison  
New York

Dear Sir,

On the 5<sup>th</sup> inst  
I received a letter from Mr. Small  
and enclosed herein I found a slip  
of stock which you requested to be  
cut-up in Fibres and the same to be  
carbonized. the results of which to  
be reported to you.

In reply would say that I found it -  
made a very high resistance carbon  
about 75000 times greater than Lamp  
I am of the opinion that good results  
for Life may be obtained from it -  
Will you please forward a list of the  
stock pay about .002 which will give  
it a mark for Life. Yours truly

Wm. H. H. H.

The Edison Lamp Co.

East Newark, N. J., 7/12/1885

Mr. J. A. Edison

West Edison Lamp Co.

Dear Sir:

Will close Lamp  
Factory this Evening for the 11th month  
I have in the meantime given  
orders to warrant us to start at an  
earlier date and will do so.

We have quite a stock of Lamps  
on hand of salable bulbs and I believe  
we will pull through.

Business has been remarkably good  
last month.

We close with balances of orders amounting  
to 2500 Lamps Yours

Wm. H. H. H.

*W.E.C.*  
Western Electric Company,  
Chicago.

July 1st, 1885.

Thos. A. Edison, Esq.,  
65 5th Ave., New York.

Dear Sir:-

We send you by mail a specimen of  
grass which a friend of ours has sent us,  
with the inquiry whether it will not serve  
for carbons for incandescent lights.

If you will have the kindness to let  
us know your opinion on this subject, we  
will be much obliged.

Yours truly,

*Chas. B. Barton*

Vice Pres't.

*Send to Holzer  
say column came from -  
Tell Barton will inspect &  
Report*

The Edison Lamp Co.

East Newark, N. J.,

Aug 6<sup>th</sup> 1885

Samuel Insull Esq

Dear Sir,

Can we quote to  
Tokai Japan.

We enclose you letter  
from Furr

What is his name?

Whom is Mr Edison's  
present address, we  
wish to send him  
some lamp shipment  
as he wanted,

Yours truly  
Edison Lamp Co.

The Edison Lamp Co.

East Newark, N. J., 9/29- 1885

Mr. J. A. Edison  
New York

Dear Sir

The Fibres of one  
enclosed in yours of July 14<sup>th</sup> last  
have been run through in regular  
way & enclosed you will find  
burn sheet.

If you can conveniently forward  
another lot of Fibres of the same  
brand will give them another trial.

Respectfully Yours  
Wm. H. Loe

EDISON LAMP COMPANY.

THOMAS A. EDISON, President,  
FRANCIS R. UPTON, Gen'l Mgr & Treas.

EAST NEWARK, N. J.

Feb. 9, 1885

Thos. A. Edison Esq.  
65 Fifth Ave.

Dear Sir:

We have not  
as yet filled the order for  
the Standard of light apparatus.

We have not found it  
thoroughly reliable, and as yet  
have not had the time to  
experiment on it in order to  
perfect it. At present we are  
unable to do very little outside  
of our regular work as our  
orders are larger than ever before.

Then since we have taken the  
lamp pressure indicator in hand we  
find it hard work to get work  
from the machine shop promptly  
outside of needed repairs.

Yours Truly, Francis R. Upton

Western Electric Company,

Chicago

Oct. 12th, 1885.

Thos. A. Edison, Esq.,

65 Fifth Ave., New York.

Dear Sir:-

On the 1st of July we forwarded you a sample of fibre with a request for your opinion as to its suitability for incandescent lights.

On the 14th of July you acknowledged receipt of the sample and said that you would have it tested and report to us.

We have none of your favors since that above referred to on this subject, and beg leave to ask what were the results of the test?

Yours truly,

Western Electric Co.

EDISON LAMP COMPANY.

THOMAS A. EDISON, President,  
FRANCIS R. UPTON, Gen'l Mgr & Treas.

EAST NEWARK, N. J.

Nov. 7, 1885

Paul. Inall Secty :

Dear Sir :

You are  
requested to call  
a meeting of the directors  
of the Edison Lamp Co. for  
the purpose of complying with  
the Government requirement in  
endorsing checks.

The names of Thos. A. Edison  
Francis R. Upton and ~~to be~~  
~~John~~ should be included in  
the motion  
Yrs. Truly  
Francis R. Upton

EDISON LAMP COMPANY.

THOMAS A. EDISON, President,  
FRANCIS B. UPTON, Sec'y & Treas.

EAST NEWARK, N. J. Nov. 12 1885

L. Insull, Secy.

Dear Sir:

I think

there is to be a meeting  
of Light Co. and Gas Co.  
on Monday. If so why  
can you not change the  
place of meeting of Lamp Co.  
to Tomlinson's office a short  
time before the other meetings.

I must go to Gas Co's meeting  
as it is about Post  
Station.

Yrs Truly  
Francis B. Upton

EDISON LAMP COMPANY.

THOMAS A. EDISON, President,  
FRANCIS B. UFFORD, Gen'l Mgr & Treas.

EAST NEWARK, N. J. *Nov 18* 1885

Paul. Truitt Esq.

Dear Sir:

Where is  
the official copy of  
resolutions for me  
to forward to A. S.  
Gavit.

Yrs

J. K. Ruppel. Sec



Telephone No. 65618.

Telegrams: Matthey, London

28<sup>th</sup> November 1885

Latins  
Send the £  
The Edison  
J.M.

The Edison Lamp Company.

New York. U. S. A.

Dear Sirs,

Referring to your telegram of the 31<sup>st</sup> August last, ordering a small quantity of Palladium, we now beg to enclose you statement of A/c. for same amounting to £26.3.9.

Not having heard from you, since we despatched the goods in accordance with your order, we should like to know that they reached you safely.

We shall esteem it a favor, if you will communicate with us, when you are again requiring a supply of Platinum wire.

We are, Dear Sirs,

Yours faithfully

Johnson Matthey & Co

EDISON LAMP COMPANY.

THOMAS A. EDISON, President,  
FRANCIS D. UPTON, Gen'l Mgr & Treas.

EAST NEWARK, N. J.

Nov 30 1885

Thos. A. Edison  
292 ave B. N.Y. City.

Dear Sir,

Yours

We shall

ship you 750 10 cfs. lamps  
111 volts in a cask and  
kill them as 500 lamps.

These lamps are irregular  
in make, but we will be  
responsible that you have  
600 hours life out of every  
50 cts. worth of lamps you  
buy.

Yrs. Truly

Francis R. Upton

Fru.

Ed. Light-  
Edison Lamp Co.  
(Dec. 18 1895)

Edison Lamp Company  
to

1895

John T. Sullivan Dr

Preparing Contract between Lamp  
Co & E. S. Light Co 50

Consultations with Dept as  
to Contract between Lamp Co  
European & as to state of lamps 5

Mailed to  
Dept on Dec. 18/95  
JTS

Law Offices of  
ECCLESINE & TOMLINSON,  
16 & 18 BROAD STREET.

Ed. Light-  
Edison Lamp Co.  
(1885?)

NEW YORK, \_\_\_\_\_ 188

THOS. C. E. ECCLESINE,  
JOHN C. TOMLINSON.

- 1 Lamp Co. patents assigned to  
Light Co.
- 2- Lamp Co. has exclusive license  
Light Co. has right to assign  
a license to Edison Lamp Co.  
General license to Edison Lamp Co.  
to be continued on similar terms  
as may be given to others
- 3- Lamp Co. to pay during  
license term 3 cents.
- 4- Edison Co. as licensee  
they must pay 3 cents for  
each lamp to the Light Co.  
3 Cents to Edison Lamp Co. Light  
Co. not make itself.

E. I. Light-  
Edison Lamp Co.  
(1885?)

### Synopsis of Lamp Company

- (1) Lamp Company, was assigned to Light Co. Company
- (2) Lamp Company to have exclusive license which Light Company <sup>may</sup> terminate at any time but must in case license is given to others continue license to it on same terms
- 3- While it was ~~exclusive~~ license Lamp Co. to pay Light Co. 3 cents Royalty
- 4- In case others are licensed by Light Co. Each manufacturer must pay Light Co. a Royalty of 3 cents & Lamp Co. 1/2 of 3 cents
- 5- Light Co. not manufacturer itself -

## Basis of new Contract,

Lamp Co have exclusive right mfr During life patents:-

Present prices — life guaranteed 1000 hours of 10 Lamp ~~per~~ per Electrical horse power

Pay Light Co for handling acct<sup>s</sup> + guarant<sup>y</sup> bills 3 cents per lamps on Lamp used NTS america only -

Light Co have orders filled first,

Lamp Co Carry stock 50,000 Lamps

Edison give all his improvements in filament Lamps for 10 yrs from date to Lamp Co -

In case Lamp Co do anything prejudicial to interest of Light Co they receive notice + must correct or Call for Arbitrators to ascertain if it is so, if they decide it is + Lamp Co fail to stop it within 2 months then Exclusive Character Contract fails + they may license other parties paying us however 3 cents for every Lamp made

by others,

A G R E E M E N T made and entered into at  
the City of New York this                      day of  
1885, by and between THE EDISON ELECTRIC LIGHT COMPANY,  
a Corporation duly created and existing under and by vir-  
tue of the Laws of the State of New York (hereinafter  
called the LIGHT CO.) party of the first part, and THE  
EDISON LAMP COMPANY, a Corporation duly created and ex-  
isting under and by virtue of the Laws of the State of  
New Jersey, (hereinafter called the LAMP CO.) party of  
the second part,

W I T N E S S E T H:

W H E R E A S the LAMP CO. is the successor  
in business and the owner by purchase of the factory, ma-  
chinery, tools, appliances, rights, contracts, good will  
and business of THOMAS A. EDISON, FRANCIS R. UPTON, ED-  
WARD H. JOHNSON and CHARLES BATCHELOR, late co-partners,  
formerly doing business at East Newark, N. J., under the  
firm name and style of THE EDISON LAMP COMPANY; said  
factory having been especially equipped for the manufact-  
ure of incandescent lamps of the character used in con-  
nection with the EDISON System of incandescent lighting,  
and

W H E R E A S the LAMP CO., has heretofore  
purchased from the LIGHT CO., a certain factory, and the  
tools, appliances and machinery therein contained in the  
City of Hamilton in the Province of Ontario, Dominion of

Canada, likewise especially equipped for the manufacture of incandescent lamps of the character aforesaid, and

W H E R E A S the said THOMAS A. EDISON under and by virtue of a certain contract made between him and said LIGHT CO., dated the 8th day of March, 1881, was granted the exclusive license to manufacture the said EDISON INCANDESCENT LAMPS within the United States, and the Dominion of Canada, as will more fully appear by inspection of said contracts to which reference for greater particularity is hereby made, and

W H E R E A S the LAMP CO., has since its organization furnished and supplied lamps to the LIGHT CO., or its licensees within the territory covered by its patents in North and South America, ~~and~~ <sup>and</sup> for consumption <sup>in Canada, where it has also furnished incandescent lamps</sup> within the United States, <sup>for sale abroad</sup> at the prices, recently, named in the following schedule, that is to say:

|          |     |              |        |         |
|----------|-----|--------------|--------|---------|
| Standard | 16  | Candle Power | A Lamp | 40 cts. |
|          | 13  | do           |        | 45 "    |
|          | 10  | do           |        | 50 "    |
|          | 20  | do           |        | 45 "    |
|          | 24  | do           |        | 50 "    |
|          | 32  | do           |        | 60 "    |
|          | 50  | do           |        | \$1.00  |
|          | 100 | do           |        | \$1.50  |
|          | 8   | do           | B Lamp | 35 cts. |

and for consumption within the Dominion of Canada at the

following prices, to wit:

|    |              |   |       |         |
|----|--------------|---|-------|---------|
| 8  | Candle Power | B | Lamps | 90 cts. |
| 10 | do           | A | "     | 90 "    |
| 16 | do           | A | "     | 90 "    |

and

W H E R E A S the rights of the respective parties hereto, the exigencies of business in the light of the history and experience of those engaged in the enterprise, has made it expedient and wise to alter and modify the terms of said above named agreement and substitute therefor the present agreement, and

W H E R E A S the LIGHT CO., as the owner for North and South America of certain patents relating to Incandescent lighting and the lamps manufactured by the LAMP CO., is willing, with such safeguard in respect to its future business as may be right and proper, (it being recognized, however, that the LIGHT CO., cannot afford to put the manufacture of lamps so far out of its control as would jeopardize or prejudice its business by reason of either the prices or supply of such lamps) to confer upon the LAMP CO., the exclusive right of manufacturing Incandescent Lamps to be supplied to the LIGHT CO. or its licensees in North and South America and, under the conditions hereinafter expressed, for exportation to foreign countries in which the LIGHT CO. does not own said inventions, and to that end it is deemed advisable that the rights and obligations of the parties hereto should be

expressly defined by a contract between them.

N O W,    T H E R E F O R E,    in consideration of the premises and of the benefit accruing to each of the parties hereto, IT IS HEREBY AGREED AND DECLARED by and between the LIGHT CO., and the LAMP CO., as follows, that is to say:

FIRST:    The LIGHT CO., agrees to grant, and hereby does grant to the LAMP CO., subject, however, to all the provisions herein contained, the exclusive right, privilege and license during the continuance of this agreement and no longer, to manufacture and sell in the manner herein provided, the Incandescent Lamp or Lamps now or from time to time used in connection with the Electric Lighting System of the LIGHT CO., its successors or assigns, and described (in whole or part) in Letters Patent of the United States and Canada, now owned by or issued or granted to, or that may be hereafter owned by or issued or granted to the LIGHT CO., or its successors or assigns, under or by reason of any Contract heretofore made between the LIGHT CO., and T. A. Ed<sup>son</sup>, and in any reissues or extensions of either or any of said Patents in the United States and Canada; and said right, privilege or license shall continue during the life of all of said Patents and the reissues or extensions thereof unless this agreement of license shall have been previously terminated as herein provided for.    The LIGHT CO., further covenants and agrees that during the existence of this

Contract it will not license or sanction the introduction into the United States or Canada, to be used or sold therein, the same or similar lamps manufactured elsewhere or by other parties except as hereinafter provided for.

2  
As regards all the aforesaid lamps covered by this agreement, the LAMP CO., will not, without the written consent of the LIGHT CO., make any sales whatever, or otherwise supply any of such articles, to any persons or parties whatever during the granted life or renewals of the said patents, or any of them except to the LIGHT CO., or to such other persons and corporations as the LIGHT CO., may from time to time direct, with full power on the part of the LIGHT CO., to revoke in whole or in part at any and all times. But the LAMP CO., acting in good faith, may supply all of the articles covered by this agreement for use outside of North and South America, provided each article is marked indelibly with these two words, to wit, For Export,<sup>†</sup> and the LIGHT CO., shall always have the right, so long as any of said articles are covered by any of the provisions of this agreement, to satisfy itself, by inspecting the books and records of the LAMP CO., that said articles are furnished in good faith for actual exportation, and that said exportation actually takes place. The LAMP CO., shall always give preference to orders for consumption in the countries covered by the patents of the LIGHT CO.

The license herein given to the LAMP CO., is

granted to them as a privilege personal to them, and is not to be assigned or transferred by them in any way, and this agreement shall, at the option of the LIGHT CO., terminate forthwith (1) upon their making or attempting to make any assignment of it or of any of the rights or privileges herein conceded to them, or (2) upon any such assignment resulting by operation of law.

SECOND: The LAMP CO., will, and hereby does, admit and acknowledge the validity of all patents pertaining to incandescent electric lamps, and to the manufacture thereof and to whatever appertains to the EDISON system of electric light, heat and power which the LIGHT CO. may own or acquire while this agreement lasts, and the validity and utility of the inventions therein described and claimed; and hereby covenant, whether this agreement continues or not, and whether any adverse decision in an action at law or a suit in equity on any of such patents shall have been rendered or not, that they will not violate, infringe or contest the validity of any such patents, during their several terms of life as originally granted or afterwards extended, or the sufficiency of their specifications, or the validity of the title of the LIGHT CO., to any such patents or any of them, or aid and encourage others in so doing; save and except, however, that if any of such patents shall have been adjudicated invalid, in any action at law or suit in equity, and the LIGHT CO. shall not have appealed therefrom, or if in the event of such appeals, the final adju-

dication shall have been adverse to the validity of such patent, the LAMP CO. shall then no longer be bound, as above provided for, to admit and acknowledge the validity of such patent or patents, thus adversely adjudicated upon.

2, The LAMP CO., will, without further compensation, assign to the LIGHT CO. all inventions, patents, licenses and other rights for devices or methods employed in the EDISON system of electric light, heat and power, or employed in manufacturing articles therefor, which they now possess, or which they may hereafter acquire, during the existence of this contract; but the LAMP CO., shall have the sole right to use such devices and methods employed in manufacturing, for the purpose (and only for that purpose, except as otherwise provided for herein) of manufacturing articles which are not applicable to the said EDISON system.

2, The LAMP CO. will promptly notify the LIGHT CO. of any patentable inventions or devices which they may ~~either acquire, use or avail themselves of from time to time~~ while this agreement lasts; and they will, without charge, and at their own expense, patent the same, at the request of the LIGHT CO., and assign the patents to the LIGHT CO.

+ THIRD: The LAMP CO. will endeavor to reduce the cost of manufacturing standard lamps, as hereinbefore detailed, and whenever the average cost thereof shall

fall below

30 ¢ for 16 Candle Lamps

for 10 do

it will lower its prices to the LIGHT CO. to the extent of one half of the difference in price between the said respective prices and the actual average cost of the lamps manufactured, provided the LIGHT CO. makes a like reduction in its prices to consumers within 30 days after the 1st of January and July in each year the said LAMP CO., will render to the LIGHT CO., an accurate statement of the number of lamps of each kind manufactured during the preceding six months, and the actual cost thereof, and if the actual cost shall be less than the prices last above named, the LAMP CO. will pay over to the LIGHT CO. one half of the difference between such actual cost and the price last above named for all lamps for which the LAMP CO. shall have received payment during the next preceding period of six months; and the LIGHT CO., by its officers, agents and accountants shall have free access at all reasonable times to the manufactory and the books

of the said LAMP CO., and all other books connected with the business thereof for the purpose of determining and verifying the statements so made.

2  
In determining cost, the total manufacture or output during the six months, whether for the LIGHT CO., or for foreign export, shall be taken into account, and the average cost of all the lamps manufactured during said six months as compared with the average selling prices of same period, shall determine whether the selling prices can be reduced or not; but if any foreign lamps during said six months shall have been sold at less than the average cost, in computing the cost as above, the lamps so sold shall be taken at cost.

(Similar clauses for Canada.)

f  
FOURTH: The aforesaid cost of manufacture, for the purposes of this agreement, shall be restricted to the actual cash cost of (1) labor, (2) material, and (3) general expenses, as follows, viz:

(1) The actual cash paid to workmen for labor performed on said articles shall constitute the cost of labor.

(2) The actual cash paid for material going into said articles shall constitute cost of material, and if any of such material is purchased on other than a cash basis, or otherwise, so that it costs more than when bought for cash, corresponding deductions shall be made so as to bring the price to the lowest obtainable cash basis.

(3) General expenses shall be restricted to (a) depreciation, (b) fixed charges, (c) salaries, (d) sundry items, and (e) royalties, the same being fully described below, viz:

(a) An allowance of four percentum on the said cost of labor and material shall constitute depreciation.

(b) Insurance, rent and taxes shall constitute fixed charges. If premises are owned instead of rented, six per centum on the actual cash invested, together with the interest on mortgages, if any, shall constitute rent.

(c) Such salaries for officers, superintendents, book-keepers and clerks as are now paid (a statement of which is hereto annexed, marked Exhibit A), together with reasonable increases thereof as business increases, shall constitute the item of salaries.

(d) Whatever enters directly into the cost of production, other than actual material and labor, shall constitute the said sundry items.

(e) The LAMP CO., may also include in general expenses such royalties as they may hereafter pay, touching the articles covered by this agreement, so long as they continue to pay them and to use the inventions they cover, with the consent of the LIGHT CO. But they shall not use any inventions requiring payment of royalties, except with the consent of the LIGHT CO.; if they do, they shall not be entitled to include such royalty in any calculation of cost, or to include in such calculation

any excess of material or labor required for such inventions.

The said cost of manufacture shall be made up from the books of the LAMP CO., within thirty days after each and every December 31st and June 30th, respectively. In making up the said cost semi-annually, each half-year is to stand entirely by itself, but if on any June 30th it appears that the profits for the next preceding six months have been either more or less than this agreement provides for, such excess or deficiency shall be carried over to the next December 31st to be equalized by any surplus or deficiency arising from the business of said last named six months, after the allowance of the percentage of profit herein provided for; and if any surplus arising from the business of the entire twelve months, next preceding, shall then remain, it shall be divided equally between the LIGHT CO. and the LAMP CO. If it is found that the profits for any entire year ending on said December 31st of any half-year exceed the fixed percentage of profit herein provided for, the prices of such articles as the LIGHT CO., may then designate, or, if the LIGHT CO., fails to avail itself of this option, such articles as the LAMP CO., may designate, shall be reduced enough to thereafter absorb such excess. At all such semi-annual accountings the LIGHT CO., shall have full and free access to all books of account and records of the LAMP CO.

Under no circumstances shall the price of any

article to the LIGHT CO., and its licensees, including cost, profit, royalty and whatever else may be included pursuant to this agreement, exceed the present or any future net price of such article charged by the LAMP CO. to the LIGHT CO.

FIFTH: Regarding articles manufactured by the LAMP CO., and covered by this agreement, the LIGHT CO. shall not, during the continuance of this agreement, license other manufacturers to make them, except (1) for good cause, or (2) in the case of intermediary companies formed to exploit territory. If any such licenses be granted, they shall neither (1) be at lower rates or on better terms than those at the time allowed the LAMP CO.; nor (3) exclude the LAMP CO. from jointly occupying and competing in the same territory while this agreement lasts. Existing licensee contracts heretofore made by the LIGHT CO., are excepted from this provision, as provided for in the eleventh section herein.

No license is to be granted to others for good cause, as above, except in one or more of the following cases, viz: (1) the non-performance by the LAMP CO. of this contract or any condition of it; (2) their doing anything prejudicial to the interests of the LIGHT CO., and in defiance of its written protest; (3) their making such conditions with regard to manner or cost of manufacture as are to the manifest disadvantage of the progress of the EDISON system, and prejudicial to the LIGHT

CO., and in defiance of its written protest; (4) where this contract is terminated on account of the LAMP CO'S refusing to arbitrate, as set forth in the thirteenth section herein; or (5) breach by the LAMP CO. of the provisions of the seventh section herein.

SIXTH: The custom heretofore adopted by the parties hereto of importing into Canada, carbon, glass, platinum and wires for the manufacture of lamps therein may be continued, the articles named being now necessary as in the past, to the successful and economical manufacture of said lamps in Canada.

(Memo. Explain this custom)

SEVENTH: The LAMP CO. hereby covenant and agree to pay to the LIGHT CO., the sum of three cents for each and every of said lamps manufactured and sold by it of which the selling price is not above fifty cents, in North or South America, as consideration for the rights and privileges hereby granted, and as a compensation to the LIGHT CO. on the sale of said lamps, and for any risk it may assume in guaranteeing the payment of sales to its licensees as herein provided for.

† And the LAMP CO. hereby agrees to make monthly settlements, and to render to the LIGHT CO., monthly statements of the lamps sold in the preceding month, and the books of account of the LAMP CO., shall be open to the inspection of the LIGHT CO., its duly appointed agents or officers, during business hours for the reason-

able inspection of its agents or officers to verify said monthly statements.

17 EIGHTH: The LAMP CO., shall, at their own expense, make all experiments requisite to cheapen or otherwise improve their several articles, and in cases where such experiments are consented to in advance, or afterwards approved, by the LIGHT CO., such expense may be treated as a special charge upon the profits of the half-year when the experiment is completed, and in case the profits of the half-year, after deducting such special charge, are found to fall short of the allowed per centum of profit, said expense may be carried forward to the next half-year, and no longer, and be charged against any excess of profit then accrued, but if such excess is insufficient to cover such expense, any amount remaining shall be borne wholly by the LAMP CO. Any experiment made without the approval of the LIGHT CO. shall be an expense to be borne by the LAMP CO., and no allowance shall be made therefor, unless the LIGHT CO. afterwards adopt the improvement, in which case the expense shall be a special charge as above.

20 All expense and outlay heretofore incurred by the LAMP CO., in making experiments, taking out patents, and acquiring patents and licenses, are assumed by them, and shall not be charged to the LIGHT CO., or be deducted from future profits. But all expense hereafter incurred by the LAMP CO., with the LIGHT CO'S consent, in purchasing patents and procuring licenses from others, shall be

treated as a special charge upon profits the same as provided for above in this section, touching experiments.

NINTH: The LAMP CO., agrees, within sixty days after the receipt of orders, from time to time during the continuance of this agreement, to be always ready to supply the demand for lamps of the LIGHT CO., and of such parties as it may from time to time direct, when such lamps are needed for the installation of new plants or for renewals in plants heretofore or at any time hereafter to be installed, but not for lamps in excess of a reasonable stock for current wants to be carried in stock to provide against possible contingencies, and all lamps so sold shall be carefully packed and delivered, properly addressed either to some responsible Express Company, or to the Railway Station nearest their factory or factories free of all charge, except the charge for lamp as per schedule herein recited, and for packing or packages as per schedule A hereto annexed.

AND WHEREAS it has heretofore been the custom of the assignees of the LIGHT CO., and more especially of its principal licensees to wit, the EDISON COMPANY for Isolated Lighting to carry a stock of lamps to provide against possible contingencies, it is now recognized and agreed by the LAMP CO., that the demand for lamps herein contemplated, which the LAMP CO. is to supply within sixty days, is separate and apart from the keeping up and maintenance of such stock, which need not

be drawn upon for such current wants after sixty days as aforesaid.

The LAMP CO. will keep their work up to the highest standard attained by any manufacturer of incandescent lamps, either at home or abroad; provided this does not involve the purchase of unobtainable patents, and will at all times give preference to the orders and work of the LIGHT CO., and its licensees, and maintain ample capacity therefor, reasonably increasing their plant as the demand increases. Failure to do all or any of these things shall constitute good cause for the LIGHT CO., to at once cancel this Contract, or license other manufacturers. But the LAMP CO., will not be liable in damages to the LIGHT CO., or its licensees, on account of such failure, except as ordered by the Arbitration Committee herein provided for.

All lamps manufactured by the LAMP COMPANY, party of the second part, shall be according to the standard styles and grades fixed and determined upon by said party of the first part, and from time to time altered or modified by it so as to enable said party of the first part to require the introduction from time to time of all possible improvements affecting either the style, economy, durability or other necessary qualities of such lamps, but under no contingencies shall the party of the second part be authorized or permitted to charge for said lamp or lamps to be sold in the United States or Canada at their factory or factories a sum or sums in excess of the amounts named in the Schedules hereinbefore recited. X

The quality of all lamps to be manufactured as at present determined, shall be such that under ordinarily favorable circumstances and ordinary use, they will have an average burning life of One thousand hours when giving light at the rate of 10 candles for every 300 foot pounds of Electric Energy supplied to the lamps.

The LAMP CO shall have the right to refuse all orders unless payment be made, or unless guaranteed by said party of the first part. It shall also have the right to require, as a condition of its filling any orders, that payment be made before the 20th day of the month following the delivery of the lamps and in all cases where payment may be guaranteed by said party of the first part, such payment must be made by them within a like period.

TENTH: The LAMP CO will keep full specifications and data in respect of all devices manufactured by them, and will accord to the LIGHT CO., full opportunity to examine the same and otherwise familiarize itself with the manufacture thereof, including free access to all parts of their work; and will at any time supply to the LIGHT CO. any part or all of such specifications and scientific and mechanical data, drawings and models, as it may demand, upon the payment of the cost of their preparation.

ELEVENTH: Whereas all the present stockholders in the LAMP CO have executed an agreement of even

date herewith, a copy of which is hereto annexed marked Exhibit A, reference to which is now made; it is agreed that the LAMP CO. will always in good faith do all they can to secure to the LIGHT CO full and faithful performance of such agreement by the said stockholders. The LAMP CO. fur ther agree that while this contract lasts they will not change <sup>the form of</sup> their present organization, and that they will never dor or perform any act whatever, nor abet or connive at the performance of any act, which may in any way lead to an evasion of any of the provisions contained anywhere in this agreement.

TWELFTH: Whereas the LIGHT CO. has already made certain contracts with licensee companies (a complete list being hereto annexed marked Exhibit B), which, in some instances, may constitute authority to manufacture:- it is agreed that all the rights herein granted to the LAMP CO are taken by them subject to the rights already granted and the obligations already incurred in said contracts.

the LAMP CO. agree to continue with due diligence the development of business, and to manufacture such new and addition lamps, in the same general line or class of goods, as may be required from time to time, assigning to the LIGHT CO. all patents thereon, and otherwise bringing said articles fully under the provisions of this Agreement; and such new and additional articles, together with the articles mentioned in said Exhibit C, shall constitute the articles covered by this Agreement.

THIRTEENTH: Whenever by the terms of this agreement, any matter or controversy shall arise which is to be decided, by or left to, arbitration, it shall be submitted to a board of three arbitrators, one to be appointed by the LIGHT CO. one by the LAMP CO., and the third by said two arbitrators; but if either of the parties hereto shall neglect or refuse to appoint an arbitrator for a period of ten days after written request by the other party so to do, or if the two to be chosen as above shall neglect or refuse to appoint a third, as above, for a period of ten days after their appointment then, and in either of the said events, the party hereto not in fault in the premises may apply, first, to the <sup>Justice</sup> presiding of the General Term of the Supreme Court for the First Department of the State of New York, or, if he declines to serve or omits, for ten days, to make the appointment hereinafter provided for, second, to the Secretary of the Chamber of Commerce of the State of New York, or, if he declines to serve or omit for ten days, to make the said appointment, third, to the Central Trust Company of New York:- to appoint the arbitrator or arbitrators so omitted by neglect or refusal as aforesaid to be appointed; and the said Justice, or, in his default, the said Secretary, or the said Trust Company, as the case may be, shall give to the parties hereto such notice of the time and place when and where he will make said appointment, or appointments, as he shall deem reasonable and proper, and shall at said time and place after hear-

ing the parties hereto or either of them, if they or either of them desire to be heard make such appointment; and it is hereby agreed that the action of such party making the said appointment or appointments, as aforesaid shall be binding and that the arbitrator or arbitrators so appointed shall exercise the same powers as if chosen in the other way first provided for above.

The decision and award of said arbitrators, or a majority of them, shall be binding upon the parties hereto. All the expenses of the arbitration, except lawyers' fees, shall be equally divided between the LIGHT CO. and the LAMP CO. In case the matter or controversy to be submitted to arbitration be one to which the provisions of Title Eight of Chapter Seventeen of the Code of Civil Procedure of New York are applicable, such matter or controversy shall be submitted to said board of arbitrators according to and subject to all the provisions, of said title, provided that the parties hereto or either of them so request in writing and a judgment of the Supreme Court of the State of New York shall be rendered upon the award and be entered in New York County.

FOURTEENTH: It is further agreed as follows, viz:

1. The LIGHT CO. will, in good faith, enforce and protect the patents assigned to it by the LAMP CO. under this agreement, but in the event of the LIGHT CO.'S not instituting proceedings against infringers or defending said patents against actions brought by others,

*within days of the written request to do so* 21

the LAMP CO. shall have the right themselves, subject to the general supervision of the LIGHT CO., to institute such actions and carry on such defences.

2. All patents assignable by the LAMP CO. to the LIGHT CO., under this agreement shall be assigned as soon as issued. If this agreement is terminated while applications for patents are pending, that is to say, between the date of filing an application and the issue of the patent or such patents shall be assigned when issued.

3. Whenever this agreement provides for any consent being given by either of the parties hereto, it is agreed that such consent must always be in writing, and otherwise not to be binding.

4. All the provisions in this contract as to licensees of the LIGHT CO. shall apply to the LIGHT CO. itself, should it become a manufacturer. But the LIGHT CO. will not engage in manufacturing the articles covered by this agreement while it lasts, except for good cause, defined above, or as otherwise provided for herein.

5. All the provisions contained in this agreement apply also to the license granted to the LAMP CO.

6. Whereas there are certain obligations in this agreement which continue after the agreement itself

shall have been terminated; and,

W H E R E A S, doubt may arise as to whether certain phrases used in this agreement, to wit, "during the continuance of this agreement;" "while this agreement continues;" "during the existence of this contract" "while this agreement lasts;" are meant to refer to this agreement itself, or to the continuing obligations surviving the agreement;- it is agreed that the said phrases, and others of like import, relate to the actual continuance and existence of this agreement itself, until it shall have been cancelled or terminated, and not to such continuing obligations and conditions as are provided for herein to survive the agreement itself and to continue in operation after its termination; but neither party shall be relieved from any obligations under this agreement arising by reason of any act done or omitted or any matter happening, before the time of such termination.

7. No license or agreement to license by the LIGHT CO. herein contained shall be construed to refer to, or to embrace by implication or otherwise, any license or agreement to license under any letters patent except such as the LIGHT CO. may own during the continuance of this agreement and license. No grants, or licenses or privileges shall be implied from the licenses and privileges expressly granted by this agreement to the LAMP CO. and to the LIGHT CO. respectively; but the rights and privileges of both the LIGHT CO. and the LAMP

CO., severally, shall be restricted to those expressly mentioned in this agreement.

8. The primary object of this contract is recognized as the protection of the LIGHT CO. and the general development of the EDISON SYSTEM OF LIGHT, HEAT AND POWER on a basis of fairness to all concerned and on a basis that shall put it in the best possible position to compete with and overcome all rivals and protect it from possibility of encroachment by them. All provisions are to be interpreted with due recognition of this, and with recognition that all contingencies and details cannot be foreseen or specially provided for.

9. The term EDISON SYSTEM OF LIGHT, HEAT AND POWER, used herein, signifies the system of generating, distributing and apply electric currents according to the patents of the LIGHT CO., as such system now exists, or as it may hereafter be modified by THOMAS ALVA EDISON, or the LIGHT CO.

FIFTEENTH: If at any time or times by reason of improvements tending towards economy of manufacture or otherwise, the LIGHT CO. should deem the prices charged by the LAMP CO. as too high or unreasonable or as acting as a restriction on business or the profits thereof, it shall have the right to demand from the LAMP CO. such reductions as it, may deem proper, and if granted within 30 days, they shall take effect forthwith; but if not granted, the party of the LIGHT CO. shall have the right at any time thereafter, on giving six months

written notice, to cancel this contract and purchase its lamps from other persons or corporations, and all license herein given shall then revert to the LIGHT CO.; but if the prices at which the LIGHT CO. so purchases from such other persons or corporations shall, after, one year from the date of cancellation of this contract be higher than those which it had previously demanded from the LAMP CO., the LIGHT CO. shall for the two years next ensuing pay to the LAMP CO., monthly in cash, such sum as may be equal to such excess of price or the number of lamps purchased in the next preceding month by the LIGHT CO. or any licensee thereof.

SIXTEENTH: In case the LAMP CO., shall supply or sell lamps to any person or corporation in North or South America other than the LIGHT CO., or such persons or corporations as it may from time to time direct (with full power of revocation) or shall fail to keep proper books of account for the purpose herein provided, or shall refuse access thereto as herein provided, or shall fail to render accounts as herein provided, or shall fail to furnish models &c., &c., &c., as herein provided, or shall delay the supply of lamps except as herein provided it shall be at the option of the LIGHT CO., to revoke forthwith or at any time thereafter all the licenses granted or arising thereunder.

*Patents to be assigned*

*Yamp Co. when taken*

Assigned or arising thereunder.

Transferee or of any time thereafter all the licenses

if any, be of the Option of the RIGHT CO., to lease

shall have the benefit of same except as herein provided

to (including) the "CO." "CO." as herein provided, or

shall be deemed to be assigned to the RIGHT CO., or

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Amendments to the Agreement be-  
tween The Edison Electric Light Company  
and Thomas A. Edison, Charles Batchelor  
Francis R. Upton and Edward H. Johnson.

Page 1

of the printed copy

or

Written  
copy  
1 $\frac{1}{2}$  half page

The party of the second part is changed to  
"Thomas A. Edison, Charles Batchelor, Francis  
R. Upton and Edward H. Johnson, copartners  
in business under the firm name and  
style of The Edison Lamp Company"  
The changes occasioned by this occur throught  
out the agreement.

Page 2.

Page 2 Line 27

Lines 9-12 inclusive are omitted in the written  
copy

Page 3.

Page 4 Line 12

to

Page 6 Line 27

Section III. is changed as to the first six (6)  
lines by substituting therefor from the 12 $\frac{1}{2}$   
line of Page 4 of written copy to the 27 $\frac{1}{2}$   
line of Page 6 inclusive

Page 7 line 14  
etc

The last clause on this page (beginning at the  
word "and" in last line) has "after receiving  
from sales of lamps the amount actually  
invested in the business of said Lamp Com

pany and whenever after such amount is received" inserted in written copy before "the cost thereof" on Page 4. line 7.

#### Page 4.

Page 8 line 16

Line 17 "Together with interest at the rate of 6 per cent per annum upon the amount of money actually received invested in the business" inserted between "shall" (7<sup>th</sup> word line 17) and be (the next word)

Page 9 line 6

"Licensees of" omitted on last line and "Edison Electric Light Company in the manner herein before specified" substituted for it.

#### Page 5. omitted

#### Page 6.

First 8 lines omitted

#### Page 7.

Page 11 line 11

Line 20. "Licensees of the omitted + "or any of them" omitted

Page 11 line 14

Line 21 "in the manner heretofore provided for" inserted before "the light company"

#### Page 8.

Page 12 line 11

Line 8 "and the terms of this contract" inserted before "in view"

Page 12 line 17

Line 14 "The Light company in accordance with the notices herein referred to" inserted before "and acting"

Page 12 Line 27 Line 15. "to comply with covenants and agreements of this contract" inserted before "by the".

## Page 9.

<sup>104</sup>/<sub>11</sub> line omitted

Page 15 Line 22 Line 15 "provided the notices herein referred to are given" inserted before "to fail" and "of standard lamps needed for actual consumption" inserted before "any one or more" "any one or more" omitted

## Page 10.

Page 17 Line 8 Line 11, 12 & 13 omitted partially.

Line 19 "after reasonable notice to do" inserted after "company"

Page 17 Line 14 Line 22. "but the Lamp Company shall not perfect any rights acquired under this contract if the Light Company shall fail in giving the notice required herein" added to end of Section

VIII.

## Page 11

Line 20 Line 1. "to the same extent as if they were originally included herein" at end of line inserted

Page 17 Line 28 "Lamp Company or any member thereof" substituted for "Edison or any of his associates above named"

Page 18 Line 14 Line 11 omitted - "or any member thereof" substituted

Page 18 Line 21 Line 14 "provided it or they can reasonably do so without detriment to its business interests" inserted before "Prompt notification."

section X omitted

Page 12

omitted

to "In Witness Whereof"

Pages 19+20

in the Written Copy

almost entirely different from the last Page of  
the Printed copy as to construction. ~~to~~

II

**1885. Electric Light - Edison Lamp Company - Accounts (D-85-029)**

This folder contains monthly statements, monthly trial balances, and other documents relating to the finances of the Edison Lamp Company. Only one document -- a statement of assets and liabilities for the year 1884, dated January 2, 1885 -- has been filmed.

# Assets January 2<sup>nd</sup> 1885

## Stock

|          |            |        |         |
|----------|------------|--------|---------|
| Be. Bros | oid 281044 | @ .01  | 75.10   |
| Be. Bros | 289227     | - .017 | 508.76  |
| Carbons  | 19046      | - .017 | 323.78  |
| Wires    | 17625      | - .015 | 294.38  |
| J. Parts | 14424      | - .038 | 504.84  |
| Clamps   | 1974       | - .05  | 98.70   |
| Plating  | 5155       | - .10  | 515.50  |
| Exhaust  | 7499       | - .19  | 1424.43 |
| Bockett  | 2554       | - .25  | 799.12  |
| Twisting | 14453      | - .30  | 4335.90 |

\* 4986.41

## Lamps in Packing Room

\* 21530.82

## Stock Unmanufactured

\* 15067.33

|          |          |
|----------|----------|
| Cash     | 6202.79  |
| Notes    | 8837.75  |
| Mortg    | 6033.76  |
| Bond of  | 13938.81 |
| Citizens | 2024.60  |

\* 37037.71

\* 78622.27

|               |          |
|---------------|----------|
| Real Estate   | 54198.52 |
| Buildings     | 36634.10 |
| Mach & Tools  | 39378.93 |
| Canada Branch | 8629.69  |
| Patents       | 550.00   |

\* 133721.16

\* 212343.43

\* 71692.49

\* 140650.94

## Liabilities

## Net Assets

## Liabilities

January 2<sup>nd</sup> 1885

|                                   |                   |
|-----------------------------------|-------------------|
| Bills Payable                     | 27818.50          |
| A. R. Upton                       | 3834.93           |
| Bills due by                      | 10042.06          |
|                                   | * 41692.49        |
| Morris Co. Saving Bank "Mortgage" | * 30000.00        |
| <u>Total Liabilities</u>          | <u>* 71692.49</u> |

## Appportioned Profit

|                       |            |
|-----------------------|------------|
| Reduced Liabilities   | 11762.23   |
| Increased Liabilities | 10585.43   |
| " Canada Branch       | 7101.73    |
| " Stock               | 6553.97    |
| " Patent              | 740.00     |
| " Advances            | 3074.60    |
|                       | * 38767.96 |

## Appportioned Loss

|                  |            |
|------------------|------------|
| Wash Tool        | 2458.58    |
| Buildings        | 374.01     |
| Stock in process |            |
| to Manuf.        | 4255.68    |
| Lamps in         |            |
| Packing Room     | 6560.96    |
|                  | * 13629.03 |

Net Profit 1884 \* 25138.93

## Worth of Lamps manuf'd & sold

|           |        |          |             |
|-----------|--------|----------|-------------|
| Sold 1881 | 34597  | Bringing | * 13175.00  |
| " 1882    | 202689 | "        | * 91230.00  |
| " 1883    | 333247 | "        | * 139755.00 |
| " 1884    | 370073 | "        | * 161863.00 |

Yearly Account  
for  
1884

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1885. Electric Light - Edison Lamp Company - Lamp Test Reports (D-85-030) [not filmed]

This folder contains correspondence and reports relating to lamp tests.

**1885. Electric Light - Edison Machine Works (D-85-031)**

This folder contains correspondence, agreements, and other documents relating to the business of the Edison Machine Works in New York City, which manufactured dynamos and large electric motors for the Edison electric light system. Much of the correspondence is by Charles Batchelor, treasurer and general manager of the machine works.

Approximately 80 percent of the documents have been filmed. Orders, bills, and receipts have not been filmed.

THOMAS A. EDISON,  
PATENTEE.  
JOHN KRUES,  
ASSISTANT GEN'L. MGR.

CHAS. BATCHELOR,  
TREASURER AND GEN'L. MGR.  
SAM'L INSULL,  
SECRETARY.

## THE EDISON MACHINE WORKS,

CABLE ADDRESS:  
"XYDSUN NEW YORK."

Nos. 92 to 108 GOERCK STREET,

Subject C O P Y

NEW YORK, March 30, 1885,

Standard Hand Rock Drill Co.,  
Room 111 - 115 Broadway, City.

Gentlemen:--

We will make for you two hundred rock drilling machines, each with tripods, columns and weights as per model furnished to us, painted and boxed ready for shipment for the sum of forty eight dollars and seventy five cents each (\$48.75) all the parts of said machine to be interchangeable.

Said drills and the other parts named to be made of the best materials, in a workmanlike manner, and to be inspected and accepted by your expert Mr. R. W. Bergh.

The above price includes the following small tools, which will accompany each machine:-- one drill gauge, one pin wrench, one gad, one double swedge, one screw driver and one oil can, but does not include the drills, the prices of which are given below:--

"Time of delivery".

We shall require eight (8) weeks from the acceptance of our proposition to complete the tools necessary, after which we will commence deliveries in five weeks at the rate of twenty-five machines per week, and continue at the rate until the whole two hundred are delivered.

We shall require that the machines be taken at the rate of twenty-five per week.

"Terms of payment".

At the time the tools are finished and when we have the stock in shop necessary to make the two hundred drills we shall require a payment of two thousand dollars on account and in advance of deliveries.

All payments to be made upon delivery in cash. It is however understood that the payment for the first hundred machines delivered may be made by the note of the Standard Hand Rock Drill Co., made at four months and endorsed by M. R. Cook of the firm of Cook & Bernheimer.

We agree to furnish you with drills, when ordered, payments to be made in cash as follows:--

In lots of five hundred sets at a time made from three-quarter "Octagon black diamond" steel, one bar ten feet long making four drills of one, two, three and four feet long each at four dollars and twenty-five cents each set.

S. H. R. D. Co. H.

| Extra drills when ordered in quantities to be for:- |        |                   |         |  |  |
|---|--------|-------------------|---------|--|--|
| 1 foot in length,                                   | \$0.83 | 6 feet in length, | \$1.62. |  |  |
| 2 feet " " "  | .98    | 7 " " "           | 1.77    |  |  |
| 3 " " "   | 1.14   | 8 " " "           | 1.93    |  |  |
| 4 " " "   | 1.30   | 9 " " "           | 2.08    |  |  |
| 5 " " "   | 1.46   | 10 " " "          | 2.24    |  |  |

The prices of extra parts to be as follows:-

|   |    |               |
|---|----|---------------|
| 25 hammers, (weighte with lead)         | at | \$2.18 each,  |
| 25 stirrups,                            |    | .27 "         |
| 25 hammer clicks,                       |    | 1.32 "        |
| 100 pair steel strikers,                |    | .47 per pair. |
| 25 pair lifting levers,                 |    | .35 " "       |
| 25 revolving toggles,                   |    | .41 " "       |
| 25 pairs lifting pawls,                 |    | .35 " "       |
| 10 spindles complete with holding bolt. |    | 3.75 each.    |

Very Respectfully Yours,  
 Edison Machine Works,  
 By Chas. Batchelor,  
 Gen'l Manager.

E. L. -  
Edison Machine Works.

Received April 1/1885  
EDISON MACHINE WORKS

New York March 30, 1885

To  
The Edison machine works  
104 Grand St.  
New York

Gentlemen,  
We have your favor of this  
date making to us the following proposition

- 112 -

"We will make for you two hundred  
" rock drilling machines, each with tripod  
" column and weights as per model furnished  
" to us, painted and boxed ready for shipment  
" for the sum of forty eight dollars & seventy  
" five cents each (\$48.75). - all the parts of  
" said machine to be interchangeable

"Said drills & the other parts named to be  
" made of the best materials, in a workmanlike  
" manner, and to be inspected & accepted by  
" your expert Mr. B. B. Bergh  
" The above price includes the following small  
" tools, which will accompany each machine  
" - one drill gauge, one pin wrench, one gage  
" one double square, one screw driver, and  
" one oil can but does not include the drill,  
" the prices of which are given below  
" Time of delivery" (8)

"We shall require eight weeks  
" from the acceptance of our proposition to  
" complete the tools necessary, after which  
" we will commence deliveries in five weeks  
" at the rate of twenty five machines per  
" week, and continue at that rate until  
" the whole two hundred are delivered

"We shall require that the machines be taken  
" at the rate of twenty five per week  
" Terms of Payment"

at the time the tools are furnished  
- Ed & the ~~fact~~ when we have the stock in

"It is necessary to make the two hundred drills  
" we shall require a payment of two thousand  
" dollars on account & in advance of deliveries

"all payments to be made upon ~~an~~ de-  
"livery in cash. - It is however understood  
" that the payment for the first hundred  
" machines delivered, may be made <sup>by the</sup>  
" note of the "Standard Knave Rock Drill Co"  
" made at four months and endorsed by  
" M. Cook of the firm of Cook & Seaburn  
" We agree to furnish you with  
" drills when ordered. Payments to be  
" made in cash, as follows

"I will send you five hundred sets at a time  
" made from three quarter "octagon black  
" diamond" steel, one bar ten feet long  
" making four drills of, one, two, three and  
" four feet long each, at four dollars and  
" twenty five cents each set

"Extra drills when ordered in quantities  
" to be for

|                    |                      |          |
|--------------------|----------------------|----------|
| " 1 foot in length | " 0.85 - 6 feet long | c \$1.62 |
| " 2 feet do        | 98 " 7 " do          | 1.77     |
| " 3 " do           | 1.14 8 " do          | 1.93     |
| " 4 " do           | 1.30 9 " do          | 2.08     |
| " 5 " do           | 1.46 10 " do         | 2.24     |

"The prices of extra parts to be as follows  
" 25 Hammers (wrought with head) @ 72, 18 ea

" 25 Stirrups <sup>25"</sup>

" 25 Hammer Chicks <sup>35"</sup>

" 100 pair Steel Strikers (hardened) @ 45¢ per pair

" 25 " Lifting levers 0.75 do

" 25 Revolving Toggles 1.32 Each

" 25 pairs lifting pawls 0.47 per pair

" 25 do feed pawls 0.35 do

" 10 Spindles (complete with holding bolt) 3.75 Each

we hereby accept  
your proposition for the manufacture

of the two hundred machines and the  
parts accompanying

we annex copy of resolution  
of our board of trustees authorizing the  
making this contract

Very Respectfully

Standard Hand Rock Drill Co

Edw J. Stearns President

New York April 30, 1885. I hereby agree to  
Endorse the notes of the Standard Hand Rock Drill  
Co as provided in the above contract

McLoughlin

# DEPARTMENT OF TAXES AND ASSESSMENTS, COMMISSIONERS' OFFICE.

State Zoning Building, Tryon Bldg.

§ 277. Please State the full name of the Corporation.

STATEMENT made and delivered to the COMMISSIONERS OF TAXES AND ASSESSMENTS of the City and County of New York, for and in behalf of the \_\_\_\_\_

*Edwards Machine Works*

showing its condition for the purposes of assessment, on the first day of January, 1880.

Total actual Assets,

\$ 173,268

Capital stock actually paid in, or secured to be paid in,

\$ 200,000

Amount of Surplus Earnings,

\$ None

Rate of Dividend for last year, or last Annual Dividend,

\$ None

Is the Corporation assessed by the State under Chapter 381, Laws of 1881

No

Liabilities in detail, as follows:

*Open accounts, 1000 lbs. long notes, 50,000*

*Money advanced Company 16,433*

Assessed Value of Real Estate

(According to particularity of record returned)

Amounts invested in the Stocks of other

Corporations which are taxed

upon their capital,

\$ 36,787.00

Amount invested in U. S. Securities,

\$ None

[If the Stock of the Company is worth less than par, state the actual value, and give the basis under oath, which will justify such estimate of its value.] *240,000.00 less 40,000*

*Assessed Value - 16,433.00 less 16,433.00*

*or assessed for 0.00*

The principal office or the place of transacting the Financial Business of the said Corporation is situated in the \_\_\_\_\_ Ward of the City of New York, at No. \_\_\_\_\_ 124 Street St.

City or New York, as I, *Samuel Shaul* the \_\_\_\_\_ Secretary of the said Corporation, being duly sworn, do hereby certify and declare that the foregoing statement is in all respects just and true.

Sworn to before me, this \_\_\_\_\_ day of \_\_\_\_\_ 1880.

*Samuel Shaul*

*John A. Sullivan*

*Notary Public*

*24.00*

§ 277. By Chap. 170, Sec. 8 of the Laws of 1881, the Commissioners are empowered to examine, under oath, the person representing the Corporation if they deem it necessary, to obtain any fuller or further particulars as to its property or condition.

Office of  
The Straight Line Engine Company,  
Cor. Geddes and Fayette Streets,  
Syracuse, N.Y.

April 23<sup>d</sup> 1885

Prof. Thomas A. Edison

65 5th Ave New York

Dear Sir

The building of the 10 1/2 Engine for you has proved such a disastrous move for us that I write to see if you cannot be induced to do something to rectify the mistake.

In addition to the direct cost of patterns and drawings the fact that we have not been able to furnish you with but the one Engine, is used by other Engine builders and other Electric Light Companies as a selling argument against the fitness of our Engine for Electric Light purposes.

Agents go so far as to quote you as saying that you have tried the Straight Line and about all other kinds, but that the only engines good enough to drive your Dynamo are the "Armington & Davis".

While I do not believe this, its effect is the same as if it were true.

I am modest enough to believe the Engine we built for you is the best single Valve Engine the world ever saw and I think the tests the Archelder has put it to are such as to justify this belief.

We did not ship the patterns to you at the time the Engine was sent, thinking that we might have an opportunity to build other Engines for you, but not being able to do that we think some settlement ought to be made as to the patterns and drawings, and if the Engine is of superior merit we ought to have something to counteract the erroneous impression now created that you do not think our Engine suitable for Electric Light purposes.

If we had an order from you for several Engines we think we could deliver them at prices that would compare favorably with others of equal capacity. There is no use to say equal to other first class Engines because there isn't any.

I make this a personal matter as I should like you to do with me under like circumstances. I have worked like a slave to build a good Engine, and if I have succeeded I ought at least to get some credit out of it in one way.

Very sincerely, Yours

John G. Stewart

| Category | Sub-category       | Value |
|----------|--------------------|-------|
| Total    | Mean               | 1.00  |
|          | Standard deviation | 0.80  |
|          | Minimum            | 0.00  |
|          | Maximum            | 2.00  |
| Group 1  | Mean               | 1.00  |
|          | Standard deviation | 0.80  |
|          | Minimum            | 0.00  |
|          | Maximum            | 2.00  |
| Group 2  | Mean               | 1.00  |
|          | Standard deviation | 0.80  |
|          | Minimum            | 0.00  |
|          | Maximum            | 2.00  |

D Bohrer & Co.

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Feb 10

*[Faint handwritten notes, possibly "L. 10"]*

The first of these is the fact that the  
 system is not a simple one, and that  
 the results are not always the same.  
 The second is that the system is not  
 a simple one, and that the results are  
 not always the same.

1. *Chrysomelidae* (beetles)  
 2. *Curculionidae* (weevils)  
 3. *Chrysomelidae* (beetles)  
 4. *Curculionidae* (weevils)  
 5. *Chrysomelidae* (beetles)  
 6. *Curculionidae* (weevils)  
 7. *Chrysomelidae* (beetles)  
 8. *Curculionidae* (weevils)  
 9. *Chrysomelidae* (beetles)  
 10. *Curculionidae* (weevils)

*[Faint handwritten notes or bleed-through from the reverse side of the page.]*

1. The first part of the document is a list of names and dates, which appears to be a record of some kind. The names are written in a cursive script, and the dates are in a more formal, printed style. The list is organized into two columns, with names on the left and dates on the right.

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

There is a very strong possibility that the above mentioned two cases represent the same person.

Subject.....

THOMAS A. EDISON,  
PRESIDENT.

CABLE ADDRESS:  
"TYSIDON NEW YORK."

CHAS. BATCHELOR,  
TREASURER AND GEN'L. MANAGER.

EDISON MACHINE WORKS,  
104 GOERCK STREET,  
NEW YORK,

April 28<sup>th</sup>/880

Thomas A. Edison Esq  
#65- 5<sup>th</sup> av

city

Dear Sir;

The letter of the Spanish  
Colonial Co at hand, and in  
reply to their enquiry would sug-  
gest that you write them, giving  
the bore of the field magnets as  
 $10 \frac{35}{64}$  inches, and for them to bore  
out the fields to that extent, if the  
diameter is less than that at present;  
We enclose their letter:

1- enclose

Yours very truly  
EDISON MACHINE WORKS.

Chas Batchelor  
Garry

THIS AGREEMENT, made the            day of April, 1885, by and between the EDISON ELECTRIC LIGHT COMPANY, hereinafter called the LIGHT Co., of the first part; and the corporation of the EDISON MACHINE WORKS, hereinafter called the MACHINE WORKS, of the second part; each being a corporation created and existing under the laws of the State of New York, and having its principal office in the City of New York,

WITNESSETH:

WHEREAS the Light Co. and the Machine Works did enter into a certain agreement, under date of September 1st, 1884, the same being an instrument in fourteen sections, with four exhibits attached, reference to which is now made for greater particularity; and

WHEREAS the aforesaid agreement of September 1st, 1884, by and between the Light Co. and the Machine Works, provided that during the continuance of the said agreement the Machine Works should have the exclusive right to manufacture certain articles set forth in a certain exhibit, to wit, Exhibit D, attached to the said agreement, and, more particularly, to manufacture motors; and

WHEREAS the Light Co. now desires to license a certain other corporation, to wit, the SPRAGUE ELECTRIC RAILWAY AND MOTOR COMPANY, to manufacture motors, and is about to make a certain license agreement with the said MOTOR COMPANY to do so, a copy of the said agreement being hereto annexed, marked *Exhibit A*; and the Machine Works are willing that their exclusive license to manufacture motors may be modified so as to allow the said Motor Company to manufacture motors, as appears by the said agreement, which the Machine Works hereby approve:

NOW, THEREFORE, in consideration of the premises and of the mutual promises herein made, it is hereby declared and agreed, by and between the parties hereto, as follows, that is to say:

FIRST.

THAT THE AFORESAID agreement of September 1st, 1884, be and hereby is so far modified as to allow the Light Co. to enter into the above-mentioned contract with the aforesaid Motor Company, the same being hereto attached, marked Exhibit A, as aforesaid; and that the Machine Works approve of the said contract, and agree to give their assent, and hereby do give their assent, to the execution of the same by the Light Co.

SECOND.

It is hereby agreed that nothing herein contained shall in any wise modify or affect the aforesaid contract between the Light Co. and the Machine Works, save and except as expressly set forth herein, and that in all other respects, save and except as may be expressly provided for in this instrument, the said contract shall remain in full force and effect in all respects the same as if this agreement had never been made.

IN WITNESS WHEREOF, the parties hereto have severally caused these presents to be executed by their officers thereto expressly authorized, and their respective corporate seals to be affixed and attested, at the City of New York, the day and year first above written.

1157  
Department of Taxes and Assessments,

STAATS ZEITUNG BUILDING, TRYON ROW.

New York, May 4 1885

Edison Machine Works.

104 Nassau St.

You are hereby notified that the  
Board find the Taxable value of your  
Capital for this year to be \$163,211-

Respectfully,

E. J. Cadwell,  
Deputy S. C.

See what

taxes in underlined

last year-

What is the value of pack-  
off January 1st 1885 X

JOHN E. SWEET, Pres.  
HENRY E. STEPHENS, Secy.  
ANSON J. SWEET, Treasr.

—OFFICE OF—

# The Straight-Line Engine Company,

3651

Syracuse, N. Y., May 11<sup>th</sup> 1885

WORKS:  
Corner of Golden and Fayette Streets.

Charles Batchelor M. E

Edison Machine Works

104 Goerck St

New York

Dear Sir

In a letter received a day or two ago from Mr Edison he writes "Could you use the patterns for the 10X12 Engine, They are the property of the Edison Machine Works and I think Mr Batchelor would like to dispose of them to you. If you are inclined to purchase them, I shall be glad if you will enter into communication with him".

I believe you understand that we received an order from Mr Edison for the drawings, patterns and one Engine and that we executed the order, shipping the Engine when ordered to do so, for which we received the amount of the bill

We afterwards sent the drawing as requested for which we have never been paid

We did not send the patterns as we were in hopes you would order Two or three more Engines from us

As the patterns have not been sent they have not been billed to you. You will agree that we ought to be paid, and now as to our taking the patterns as suggested by Mr Edison, we cannot use them to any advantage and in no way except to alter them over into our new style of Engine and that seems a great pity, as they are, they ought in time to ~~XXX~~ become valuable, when it is found as it certainly will be that the engine you have is as good at the end of five or ten years as it was the day it

JOHN E. SWICKET, Pres.  
HENRY F. STEPHENS, Secy.  
ANSON A. SWICKET, Treasr.

OFFICE OF

## The Straight-Line Engine Company,

WORKS:  
Corner of Gadsen and Fayette Streets.

Syracuse, N. Y., ..... 188

Charles Batchelor 2

started, others will want more of the same sort

We enclose an itemized bill of the actual cost of the patterns and had always intended to charge them up to the Edison Machine Works at that price

They will not be worth to us more than \$200.00 to use for alter over, and we cannot rig special machinery to build that size alone, or abandon all our old patterns of our standard size and build all of your style, we have not the capital to hold the patterns, as we think some one ought to.

The new style we speak of is one equal to the best of the ~~XXX~~ other single-valve Engines., and one that will enable us to compete with them in price. A. 34 H.P. at \$550.00 (We enclose Blue Print).

Let us settle about the patterns and payment for both for patterns and drawings without delay and if it is with you as with us, inconvenient to raise the money we will accept paper on such time as you will be able to meet it

Respectfully Yours

The Straight Line Engine Co

*Henry F. Stephens Secy*

Syracuse, N. Y., May 11<sup>th</sup> 1885.

Edison Machine Works

104 South St. N.Y.

To The Straight Line Engine Co., Dr.

~~FOUNDRY DEPARTMENT.~~

1885

TERMS - NET CASH.

|        |             |                       |    |       |       |
|--------|-------------|-----------------------|----|-------|-------|
| Dec 10 | 122 ft      | White wood for wheels | 22 | 54.00 |       |
|        | 26          | hous                  | 27 | 7.15  |       |
|        | 60          | "                     | 28 | 10.00 |       |
|        | 39          | "                     | 30 | 32.00 | 36.80 |
| 18     | 37          | "                     | 30 | 17.10 |       |
|        | 60          | "                     | 25 | 13.00 | 37.10 |
| 29     | 109         | "                     | 25 | 27.75 |       |
|        | 119         | "                     | 30 | 11.10 | 41.40 |
| Jan 6  | 220         | "                     | 27 | 61.55 |       |
|        | 20          | "                     | 25 | 13.75 |       |
|        | 15.5        | "                     | 30 | 13.00 | 58.65 |
| 1      | 31          | "                     | "  | 10.70 |       |
|        | 60          | "                     | 25 | 10.00 | 25.20 |
| 19     | 60          | "                     | "  | 15.00 |       |
|        | 71          | "                     | 30 | 6.50  | 21.30 |
| 13     | 121 ft      | Iron                  | 0  | 60.00 |       |
|        | 366         | "                     | 2  | 10.10 | 41.50 |
| 26     | 60          | hous                  | 20 | 10.00 |       |
|        | 39          | "                     | 30 | 11.70 | 26.70 |
| 30     | 11          | "                     | 30 | 1.70  |       |
|        | 15          | "                     | 30 | 5.10  |       |
|        | 50          | "                     | 25 | 7.50  |       |
|        | 225         | "                     | 27 | 61.55 | 75.95 |
| 31     | Piece       | work                  |    | 65.75 |       |
|        | "           | "                     |    | 30.00 | 95.75 |
|        | Use of Lath |                       |    |       | 2.10  |
| Feb 11 | 30          | hous                  | 25 | 7.00  |       |
|        | 8 1/2       | "                     | 30 | 2.50  | 10.00 |
| 11     | 14          | "                     | "  | 4.70  |       |
|        | 7           | "                     | "  | 2.10  |       |
|        | 19 1/2      | "                     | "  | 5.85  |       |
|        | 29          | "                     | 25 | 7.25  | 19.10 |

Ans. Forward

501.87

Syracuse, N. Y.,

188

# The Straight Line Engine Co., Dr.

2

~~FOUNDRY DEPARTMENT.~~

TERMS-NET CASH.

|        |            |           |    |       |        |        |
|--------|------------|-----------|----|-------|--------|--------|
|        |            |           |    |       |        | 501.37 |
| Feb 16 | 16 1/2 hrs | Shafer    | 50 | 490   |        | 501.57 |
|        | 41 "       | Salisbury | "  | 17.30 |        |        |
|        | 37 "       | Harris    | "  | 460   |        |        |
|        | 48 1/2 "   | Barley    | 20 | 12.13 | 38.98  |        |
| 70     | 75 "       | Shafer    | 30 | 750   |        |        |
|        | 45 "       | Salisbury | "  | 18.50 |        |        |
|        | 56 1/2 "   | Barley    | 25 | 14.18 |        |        |
|        | 27 "       | Harris    | 30 | 11.10 | 46.78  |        |
| Dec 3  | 10 1/2 "   | "         | 9  | 12.18 |        |        |
|        | 58 1/2 "   | Barley    | 25 | 14.60 |        |        |
|        | 47 "       | Salisbury | 30 | 14.10 | 40.83  |        |
| 5      | 47 1/2 "   | Harris    | "  | 14.20 |        |        |
|        | 60 "       | Barley    | 20 | 15.00 | 29.70  |        |
| 17     | 12 1/2 ft  | Pine      |    |       |        |        |
|        | 17 "       | 24 Wood   | 42 |       | 63.4   |        |
|        | 20 hrs     | Widdowick | 70 | 4.00  |        |        |
|        | 46 "       | Barley    | 20 | 11.50 |        |        |
|        | 4 3/4 hrs  | Harris    | 30 | 12.90 |        |        |
|        | 4 1/2 hrs  | Harris    | 15 | 60    |        |        |
|        | 17 1/2 hrs | Harris    | 30 | 45    |        |        |
|        | 20 1/2 hrs | Harris    | 30 | 60    |        |        |
|        | 17 1/2 hrs | Harris    | 25 | 11.25 |        |        |
|        | 5 1/2 hrs  | Harris    | 20 | 100   | 30.80  |        |
| 19     | 50 "       | Harris    | 27 | 15.18 |        |        |
|        | 1 1/2 "    | Harris    |    | 15    |        |        |
|        | 1 1/2 "    | Harris    | 20 | 90    |        |        |
|        | 3 1/2 "    | Harris    | 25 | 75    |        |        |
|        | 3 1/2 "    | Harris    | 20 | 60    | 17.53  |        |
| April  | 10 1/2 "   | Harris    | 32 |       | 21.19  |        |
| 30     | 13 hrs     | Barley    | 25 | 375   |        |        |
| May    | 6 "        | Harris    | 27 | 853   | 11.78  |        |
|        |            |           | 20 |       | 150    |        |
|        |            |           |    |       | 751.15 |        |

THOMAS A. EDISON,  
PRESIDENT.  
JOHN KRUESI,  
ASSISTANT GEN'L. MGR.

CHAS. BATCHELOR,  
TREASURER AND GEN'L. MGR.  
SAM'L. INSULL,  
SECRETARY.

## THE EDISON MACHINE WORKS,

CABLE ADDRESS:  
"XYDSUN NEW YORK."

Nos. 92 to 108 GOERCK STREET,

Subject C O P Y

NEW YORK, July 2, 1885,

Geo. F. Breed, Esq.,  
Plymouth, N. H.

Dear Sir:--

As I shall be in Chicago next week I write to ask you  
to let me know if it is possible to get that note next Tuesday.

We have at last got castings for a few sets in and  
we shall know in a couple of days how much alterations we shall  
make. I hope when I get back to have a couple of interchangeable  
drills. Everything is now ordered but the oilers, swages and  
weights all of which I am figuring with different parties on and  
shall give the contract as soon as I am sure I have the best thing,  
the cheapest.

If you can oblige me I shall feel gratified; I  
think we deserve it as if we had had a model as our contract says  
and had had no changes we should have been a long way further  
ahead.

Very Truly Yours,

Chas. Batchelor,

Gen'l Manager.

THOMAS A. EDISON,  
PRESIDENT.  
JOHN KRUESI,  
ASSISTANT GEN'L. MGR.

CHAS. BATCHELOR,  
TREASURER AND GEN'L. MGR.  
SAM'L. INSULL,  
SECRETARY.

## THE EDISON MACHINE WORKS,

CABLE ADDRESS:  
"XYDSUN NEW YORK."

Nos. 92 to 108 GOERCK STREET,

Subject C O P Y NEW YORK, July 13, 1885,

The Standard Hand Rock Drill Co.,

115 Broadway, City.

Gentlemen:--

I write to ask you to send the note for \$2,000.00,  
called for by my contract as first payment on it.

The material as per contract is now in and a great  
deal of the work is already far along in process of finishing.

The tools have been finished for some time.

We are now running through three drills in order  
to see if the tools are all right, when we shall immediately push  
through the order. Alterations in the patterns and changes have  
delayed us a little but I am happy to say, in my opinion, we are  
all right now and can still deliver some drills in this month.

Very Truly Yours,

Edison Machine Works,

By

Chas. Batchelor,

Gen'l Manager.

THOMAS A. EDISON,  
PRESIDENT.  
JOHN KRUEER,  
ASSISTANT GEN'L. MGR.

C O P Y .

CHAS. BATCHELOR,  
TREASURER AND GEN'L. MGR.  
SAM'L. INSULL,  
SECRETARY.

## THE EDISON MACHINE WORKS,

CABLE ADDRESS:  
"XYDSUN NEW YORK."

Nos. 92 to 108 GOERCK STREET,

Subject ~~Finished Rock-drill model,~~ NEW YORK, July 29th, 1885.

Standard Hand Rock Drilling Co.,

115 Broadway, City.

Gentlemen:--

The new model "Rock drill" that we have made is now ready for inspection and if you will have Mr. Bergh come up and confer with us on the same we can commence immediately their manufacture. Many of the parts are already far on their way but those parts that must be run through the tools can only be commenced after it is determined that the model is correct.

Very Truly Yours,

Chas. Batchelor,

Gen'l Manager.

THOMAS A. EDISON,  
President.  
JOHN KRUES,  
Assistant Gen'l. Mgr.

C O P Y .

CHAS. BATCHELOR,  
Treasurer and Gen'l. Mgr.  
SAM'L. INSULL,  
Secretary.

## THE EDISON MACHINE WORKS,

CABLE ADDRESS:  
"XYDSUN NEW YORK."

Nos. 92 to 108 GOERCK STREET,

Subject Model Rock drill.

NEW YORK, August 7, 1885

The Standard Hand Rock Drill Co.,  
115 Broadway, N.Y.

Gentlemen:--

The 'model' rock drill (made from the tools) is now ready and was worked by your Mr. Berg yesterday.

Before proceeding with their manufacture we shall require that you give us in writing your acceptance of this machine as a model to make the (200) two hundred rock drills from which you ordered of us on March 30th, of the present year in place of the model you then supplied us with and which has been altered according to your instructions.

Please inspect the same at as early a date as possible and if any changes are necessary let us know so that we can make it to your entire satisfaction.

We are putting a complete tripod together also so that you can pass upon that at the same time.

We are quite ready now to commence on the work and can begin to deliver drills in a very short space but we cannot commence until you have expressed yourself satisfied that we are right.

Very Truly Yours,  
Edison Machine Works,  
By  
Chas. Batchelor,  
Gen'l Manager.

The Standard Hand Rock Drill Co.

115 Broadway,

Basel Building,  
Room 111.

New York, Aug 14<sup>th</sup> 1885.

Mess.

Edison Machine Works.

92 to 108 Goerck St  
City

ANSWERED  
AUG 17 1885  
Gentlemen

Your favor of Aug 7. has  
come duly to hand and in reply,

allow us to say that  
we will not "give you in writing" our  
acceptance of the machine" to which  
you allude "as a model" to make  
the 200 rock drill from which we  
ordered from you.

We will however accept  
this first drill "made from the tools"  
as per contract, as the first of the  
order for 200 drill machines and will  
accept 199 more drill machines like  
the one inspected and approved by  
our Mr B. F. Bergh provided however

The Standard Hand Rock Drill Co. 2

115 Broadway,

New York,

Hotel Building,  
Room 111.

5891  
188

that each and every one of said 199  
machines shall work as well practically  
as the one already inspected and  
accepted under the contract, and  
that each and every part of said 199  
machines shall be interchangeable as  
per contract.

We have already been subjected  
to so much inconvenience and loss by  
the long delay in the delivery of the  
machines contracted for, that we wish  
you now, that the tools and the  
first machine made from them are  
completed, to name some precise dates  
on which deliveries will be made  
and a definite statement of quantities  
that can be delivered at such dates.

Yours truly,  
The Standard Hand Rock Drill Co.  
G. W. F. [Signature]  
General Manager.

OFFICE OF  
THE STRAIGHT LINE ENGINE CO.,  
29 CEDDES STREET,

5176  
SYRACUSE, N. Y., August 21st 1895

Charles Batchelor M.E.

104 Oerck Street

New York

Dear Sir

Have you yet seen Mr. Edison in regard to the settlement of account  
If so can you inform us who we shall appeal to for a settlement

There is \$118.50 of the Bill that was furnished on your order which  
you ought to have settled regardless of Mr. Edison long ago

Very Truly

The Straight Line Engine Co.

N.E.S.

usual  
what are we to do  
about this?  
Please return

The Standard Hand Rock Drill Co.

115 Broadway,

Hotel Building,  
Room 111.

New York, Aug 24 1885

Mess.

Edison Machine Works.

104 Goerck St.

Gentlemen

your favor of Aug 7<sup>th</sup> came duly to hand and in reply allow us to say that we decline to "give you in writing our acceptance of the 'first machine manufactured from the tots', 'as a model' to make the 200 Rock Drills from, for which we have a contract from you. On this point we only need to refer you to your communication of July 13<sup>th</sup> as follows."

"We are now running through these drills in order to see if the tots are all right, when we shall immediately push through the order"

# The Standard Hand Rock Drill Co.

115 Broadway,

Basel Building,  
Room 111.

New York, \_\_\_\_\_ 188

We will however accept first drills  
"made from the tools" as per contract  
as the first of the 200 drill machines  
and will accept 199 more machines  
like the one inspected and accepted  
by our Mr B. F. Bergh, provided however  
that each and every one of said 199  
machines shall work as well practically  
as the one already inspected and  
accepted, and they shall all be  
inspected and accepted by Mr Bergh  
as per terms of contract.

*John M. [Signature]* Standard Hand Rock Drill Co.  
Superintendent  
Superintendent

THOMAS A. EDISON,  
PATENT.

CHAS. BATCHELOR,  
TREASURER AND GEN'L. MGR.

EDISON MACHINE WORKS.

CABLE ADDRESS:  
"XYDSUN NEW YORK."

Nos. 92 to 108 GOERCK STREET.

New York, Aug 26/85

|  |                               |
|--|-------------------------------|
| 2. Insulated bauh - @ 4000 -                 | \$ 14,000                     |
| Cost -                                       |                               |
| 2. Boats Work & Motions, 1300.               | \$ 2600 <sup>00</sup>         |
| 2. Copper Work                               | 950. 1900                     |
| 2. Reels - @ 350.                            | 700                           |
| 1. Cable -                                   | 1000                          |
|  | <u>\$ 6200</u>                |
|  | <u>\$ 17,800<sup>00</sup></u> |
| 3. Insulated bauh. @ 4000                    | \$ 21,000 <sup>00</sup>       |
| 3 Insulated bauh - Cost, 3000. <sup>00</sup> | <u>9000</u>                   |
|  | <u>12,000</u>                 |
|  | <u>7800</u>                   |
|  | <u>\$ 19,800<sup>00</sup></u> |

7/14/44  
7/14/44  
7/14/44

$$\begin{array}{r} 1234 \\ 1754 \\ 2500 \\ \hline 5488 \end{array}$$

13  
30  
24

THOS. A. EDISON, PRES'T,  
SAMUEL INHILL, SECY & TREAS.  
GUSTAV SOLDAN, SUP'T,

Form 1 V.  
5000-5-21-76.

EXECUTIVE OFFICE,  
65 FIFTH AVENUE,  
NEW YORK.

EDISON MACHINE WORKS.

OFFICE OF SUPERINTENDENT,  
104 GOERCK STREET

New York, *Sept 10* 188*5*

*Martin Force*

"Send me a  
"Quad" resistance box  
resistance  
from 100

*Send Sept  
10 1885  
M. H. B. P.*



to 3200 - Will

send it back —

Also have you any Mirror  
Galvanometer Lamps  
if so send me one?

*No Lamps  
to send* Batchelor

5-927  
The Standard Hand Rock Drill Co.

115 Broadway,

Hotel Building,  
Room 111.

New York Sept 10 1885

Mess.  
Edison Machine Works.

Gentlemen Please deliver to Robert  
Hogarth 47 Broadway. the following  
Drilling Machines.

No 101. One Machine with Tripod, Column  
weights, ~~and~~ one set of drills  
and tools Complete. boxed.

No 102. One Machine with Tripod,  
Column, weights and one set  
of drills and tools Complete  
boxed.

No 103. One Machine with Tripod, Column  
weights and one set of drills  
and tools Complete. boxed

21

The Standard Hand Rock Drill Co.

115 Broadway,

Basel Building,  
Room 111.

New York, \_\_\_\_\_ 188

No 104 One Machine with Tripod,  
Column, weight and six (6)  
sets of drills and tools  
complete, boxed.

No 105 One Machine with Tripod  
Column, weight and six (6)  
sets of drills and tools  
complete, boxed.

and send invoice to this office

Yours Truly,  
The Standard Hand Rock Drill Co.  
Geo. E. Smith  
General Manager.

E

THOMAS A. EDISON,  
President.

CHAS. BATCHELOR,  
Treasurer and Gen'l. Manager.

EDISON MACHINE WORKS.

CABLE ADDRESS:  
"XYDSUN NEW YORK."

Nos. 92 to 108 GOERCK STREET,

New York, Oct. 21, 1885.

J.C. Tomlinson, Esq.,

16 & 18 Broad St. City.

Dear Sir:--

I enclose you letter of W.H. Townley,  
counsel for Sullivan. Please peruse the same and  
tell me what I should do.

Truly Yours,

Edison Machine Works,

By



One Enclosure.

Gen'l Manager.

LAW OFFICE OF  
WILLIAM H. TOWNLEY,  
154 NASSAU STREET,  
(TRINITY BUILDING),  
NEW YORK CITY.

TELEPHONE 100-2111

5843

Oct. 19/85.

Chas. Patchell, Esq.  
Edison Machine Works,  
104 Canal St. N.Y.

Dear Sir:

Mr. Thos. Sullivan has consulted me about a claim which he has against your Co. for services rendered, on which there is a balance of about \$500 due.

Believing that the opposition to its payment was rather more technical than otherwise, I have endeavored to see Mr. Tomlinson, the counsel for the Co., with a view ~~to~~

of having the matter amicably  
arranged, if possible. I  
have not, however, had  
an interview with him.  
I therefore appeal to you  
to put Mr. Sullivan in  
the way of getting his  
money, if you can. Mr.  
Sullivan tells me that  
you have charge of the  
case.

~~Very truly yours,~~  
W. H. Townley

THOMAS A. EDISON,  
President.

CHAS. BATCHELOR,  
Treasurer and Gen'l. Manager.

EDISON MACHINE WORKS.

CABLE ADDRESS:  
"XYDSUN NEW YORK."

Nos. 92 to 108 GOERCK STREET,

New York, Oct. 21, 1885.

T. A. Edison, Esq.,

65 Fifth Ave., City.

Dear Sir:--

The Milan people want me to quote them now for another Jumbo. What do you think we should do, ought we to try and make some arrangements with the English people to sell one of theirs and if so in what manner can we cable them to get a reply? I understand they have written to Paris to get the price of one of those two that I built but as I know the Paris Company are about to use all three of the Jumbos that they have in the Paris Town Hall, I think it hardly likely that they will be able to get one.

Very Truly Yours,

Edison Machine Works,

By

*Chas Batchelor*

Gen'l Manager.

LAW OFFICE OF  
WILLIAM H. TOWNLEY,  
104 MADISON STREET,  
(FIFTH FLOOR),  
NEW YORK CITY.

TELEPHONE "LAW 872."

Oct. 22/25.

My dear Mr. Foulinson:—

Your favor of this date  
has just been received.  
I would be very glad to see  
you in relation to that  
Sullivan claim, and if  
you can stop in here on  
your way home to-day,  
you will be welcome. If  
that arrangement won't  
suit you, I will call at  
your office at 4 P.M. if  
you wish. I stay here late.  
With thanks for your  
courteous note I am  
Very truly Yours  
W. H. Townley

W. H. Townley, Esq.

LAW OFFICES OF  
WILLIAM H. TOWNLEY,  
154 NASSAU STREET,  
(SECOND FLOOR),  
NEW YORK CITY.

Sullivan vs. Edison Machine Co.

TELEPHONE "LAW 87-11"

Oct. 23/85-

John C. Faulkner, Esq.

My dear Mr. Faulkner:

I send you herewith some

complaint describes it as a corporation. I suppose that is right?

With many thanks  
for your courtesy, I am

Very truly yours,  
W. H. Townley

Will you kindly send me a  
notice of appearance, "in if  
it please you," let's have judg-  
ment by default.

CITY AND COUNTRY OF NEW YORK, ss.:

being duly sworn, each depose and say that he is above the age of \_\_\_\_\_ years, that on the \_\_\_\_\_ day of \_\_\_\_\_, 188\_\_\_\_, between the hours of \_\_\_\_\_ and \_\_\_\_\_ he served within \_\_\_\_\_

at the office No. \_\_\_\_\_

at the City of New

York, by attending to and hearing with \_\_\_\_\_

him \_\_\_\_\_

there \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

Please take notice that the within is a copy of \_\_\_\_\_

this day entered in the office of the Clerk of \_\_\_\_\_

Court \_\_\_\_\_

at the \_\_\_\_\_ in the \_\_\_\_\_

City of New York.

Dated New York, \_\_\_\_\_ 188\_\_\_\_

Yours,

WM. H. TOWNLEY.

Attorney for \_\_\_\_\_

To \_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

*sup. City Court*  
*Thomas Sullivan*  
*agst.*  
*The Edison Machine*  
*Works*  
*Plaintiff*  
*vs.*  
*Defendant*

WILLIAM H. TOWNLEY,  
Attorney for Plaintiff  
Tribune Building,  
Nassau St., NEW YORK.

Attorney for \_\_\_\_\_

Due and timely service of copy of within  
is hereby admitted  
Dated New York, \_\_\_\_\_

*John C. Townsend*  
Attorney for Defendant

*City Court of New York*

*Thomas Sullivan*

against

*The Edison Machine  
Works*

Summons.

To the above named Defendant

**You are hereby Summoned** to answer the complaint in this action, and to serve a copy of your answer on the Plaintiff's Attorney within *10* days after the service of this summons, exclusive of the day of service; and in case of your failure to appear, or answer, judgment will be taken against you by default, for the relief demanded in the complaint.

Dated *October 23<sup>d</sup>* 18 *85*

*Wm. H. Conway*

Plaintiff's Attorney

Office and Post Office Address,

No. *154* *Nassau* Street,  
*New York City.*

Fol. 1 City Court of New York.

Thomas Sullivan  
agent  
The Edison Machine Works.

The complaint of the plaintiff respectfully shows to this Court.

I. That at the times herein-after mentioned the defendant was and still is a corporation duly organized under the laws of the State of New York.

II. That between the 6<sup>th</sup> day of May and the 21<sup>st</sup> day of September 1885, the plaintiff performed work, labor and services for the defendant at its request, the reasonable value whereof was the sum of sixteen hundred and ninety <sup>50</sup>/<sub>100</sub> dollars which the defendant promised and agreed to pay therefor.

2. III. That no part thereof has been paid except the sum of \$110.76 <sup>59</sup>/<sub>100</sub> leaving a balance due this plaintiff of five hundred and one dollar and eighty two cents.

Wherefore plaintiff de-

made judgment against said defendant for the sum of five hundred and one dollar and eighty two cents, with interest thereon from the 21<sup>st</sup> day of September, 1885, besides the costs of this action.

Wm. H. Townley

Plff. Atty.

Tribune Building,  
154 Nassau Street  
New York City.

3 City and County of New York ss:

Thomas Sullivan being duly sworn deposes and says he is the plaintiff herein. That the foregoing complaint is true of his own knowledge, except as to the matters therein stated to be alleged on information and belief, and that as to those matters he believes it to be true.

Sworn to before me this ?

23<sup>rd</sup> day of October 1885 }

T. Sullivan

A. R. Hilton

Com. of Deeds

N.Y.C.C.

Notice of Appearance.—250.

John Petherum, Printer and Mfg Stationer, 100 Nassau St., N. Y.

City Court of New York

Thomas Sullivan

against

Notice of Appearance.

The Edison Machine  
Works.

Srn:

Please to take Notice, That the defendant

appear in this action, and that I am retained as Attorney for it  
 therein, and demand that a copy of ~~the Complaint and~~ all papers in this action be served on  
me at my office, number given below  
 New York, October 23 1885

Yours, &amp;c.,

To

Plaintiff's Attorney

By

Attorney for Defendant

16 Broad Street  
New York City

[FROM ERNEST J. BERGGREN?]

Form 1 B-1000-1-15-04.

ALL COMMUNICATIONS  
TO BE ADDRESSED TO  
THE OFFICE.

EDISON MACHINE WORKS.  
OFFICE, 65 FIFTH AVENUE.

WORKS,  
104 GOERCK ST.

New York, Sept 8<sup>th</sup>, 1885

Mr. Insull.

Below you will find  
the information you wished me  
to give you, regarding "Dividend"<sup>a/c</sup>  
& the date Mr Edison's salary,<sup>a/c</sup>  
Mr Batchelor's increased salary,

Commenced at.

Dividend a/c

1882

Nov 21 -  $3\frac{3}{4}\%$  Declared (<sup>\$4,500</sup>) of which \$750 went to  
Mr Batchelor's account & \$6,750. to Mr Edison's

1885

June 30 - 7% Declared (\$4000) of which \$800 went  
to Mr Batchelor's account & \$1,200 to Mr Edison's

August 1<sup>st</sup> 1885 was the date Mr.  
Edison's & Mr Batchelor's Salaries were  
reckoned from. Mr Edison at the rate  
of \$3000 & Mr Batchelor 5000 per annum.

Ernest  
J. Berggren

MEMORANDUM.

From

THE EDISON MACHINE WORKS,  
104 GOERCK STREET.

THOS. A. EDISON, President.  
CHAS. SATCHELOR, Gen'l Mgr. & Treas.  
JOHN KRUDEL, Asst Gen'l Mgr.  
SAM'L INSULL, Secretary.

(1014-1)

To John G. Tompkinson, Esq.,

40 Wall St., City.

NEW YORK, November 3, 188

Dear Sir:—

Answering your letter of October 20th would say that we rendered bills to the Standard Hand Rock Drill Company, previous to February 18th, amounting to \$6895.88 and since that day we have rendered \$1427.04. They have made us a payment of a note for \$875. on September 1st of the present year. This note was endorsed by Mr. Cook.

Truly Yours,  
The Edison Machine Works,  
"By

*Chas. Sachelor*

Gen'l Manager.

THOMAS A. EDISON,  
President.

CHAS. BATCHELOR,  
Treasurer and Gen'l. Manager.

EDISON MACHINE WORKS,

CABLE ADDRESS:  
"XYDSUN NEW YORK."

Nos. 92 to 108 GOERCK STREET,

Subject \_\_\_\_\_

New York,

Nov. 7, 1885.

J. C. Tomlinson, Esq.,

10 Broad St., City.

Dear Sir:--

Enclosed please find check for \$521.00 in payment of principal and interest in Sullivan case. I would call your attention to the fact that you told me I ought to pay this money into court instead of paying it direct to Sullivan, however you know best which to do and please whatever you do see that we are protected. If it is to be paid to Sullivan we want a receipt from him in full of all demands and of course the return of the contracts which he holds.

Very Truly Yours,

Edison Machine Works,

By

*Chas. Batchelor*

Gen'l Manager.

One Enclosure.

THOMAS A. EDISON,  
President.

(Form 21.)

CHAS. BACHELOR,  
Treasurer and Gen'l. Manager.

EDISON MACHINE WORKS,

Nos. 92 to 108 GOERCK STREET,

CABLE ADDRESS:  
"XYDSUN NEW YORK."

New York, Nov. 14, 1883.

T. A. Edison, Esq.,

65 Fifth Avenue, City.

Dear Sir:--

The Board of Directors of this Company declared a dividend payable on October 1st of the present year of two and one-half per-cent payable in the stock of the Edison Electric Illuminating Company of New York. We therefore hand you a certificate 913 for 40 shares in your own name. Please acknowledge receipt of same and oblige,

Truly Yours,

Edison Machine Works,

By



Chas. Bachelor  
Gen'l. Manager.

One enclosure.

THOMAS A. EDISON,  
President.

CHAS. BATCHELOR,  
Treasurer and Gen'l. Manager.

## EDISON MACHINE WORKS.

CABLE ADDRESS:  
"XYDSUN NEW YORK."

Nos. 92 to 108 GOERCK STREET.

Subject \_\_\_\_\_

New York, Nov. 20, 1885.

Edison Co. for Isolated Lighting,  
65 Fifth Avenue, City.

Gentlemen:--

Yours of the 19th to hand in regard to Powers Hotel armature. We have now a man there looking after it but the armature for this place is giving us trouble in the shop after extended tests owing to the fact that the mass of wire is so great in the connection cups that we cannot keep good contact and we cannot tell exactly when we shall be able to replace it. We are pushing through the necessary tools for making the new connection cup design ed by Mr. Batchelor and as soon as we have them all our difficulties we believe with the No. 8 machine will be obviated. We made four tests of No. 8 machines this week all of which are unsatisfactory owing to bad contact.

We are keeping in mind this Powers Hotel matter and have a man there, therefore we do not think they will be inconvenienced very much and immediately we can get out some good ones shall replace the armature.

We call your attention to the fact that this alteration in all the connections of the dynamos is going to give us considerable work and delay and would therefore ask your indul-

THOMAS A. EDISON,  
President.

CHAS. BATCHELOR,  
Treasurer and Gen'l. Manager.

# EDISON MACHINE WORKS.

CABLE ADDRESS:  
"XYDSUN NEW YORK."

Nos. 92 to 108 GOERCK STREET.

Subject \_\_\_\_\_

New York, \_\_\_\_\_

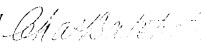
Ed. Co. for I. L. 2.

gence in the matter of being a few days late with some of the  
orders, it is unavoidable,

Truly Yours,

Edison Machine Works,

By



Gen'l Manager,

THOMAS A. EDISON,  
President.

CHAR. BATCHELOR,  
TREASURER AND GEN'L. MANAGER.

## EDISON MACHINE WORKS,

Nos. 82 to 108 Goerck Street,

CABLE ADDRESS:  
"XYDSUN NEW YORK."

New York, Dec. 3, 1885.

Samuel Insull, Esq.,  
65 Fifth Avenue, City.

Dear Sir:--

November 1st our balance against the  
Sunbury Company was still \$353.49. We understood  
that you were going to make some arrangements to settle  
this bill. Will you let us know if there is any possi-  
bility of such a settlement being made?

Truly Yours,

Edison Machine Works,

By

*Char. Batchelor*

Gen'l Manager.

THOMAS A. EDISON,  
PRESIDENT.

CHAS. BATCHELOR,  
TREASURER AND GEN'L. MANAGER.

# EDISON MACHINE WORKS,

Nos. 82 to 108 Gerrck Street,

CABLE ADDRESS:  
"XYDSUN NEW YORK."

New York, Dec. 5, 1885.

J.C. Tomlinson, Esq.,

16 Broad St., City.

Dear Sir:--

Yours enclosing judgement of Sullivan  
case, also receipt of Sullivan, also general release of  
Dean in case of Dean vs. E.M.W. of August 1883 and also  
release of Dean vs. E.M.W. of December 3d, 1885, all to  
hand. Please accept thanks for same.

Truly Yours,

Edison Machine Works

By

*Chas Batchelor*

Gen'l Manager.

THOMAS A. EDISON,  
President.

EDISON MACHINE WORKS

CHAS. BATCHELOR,  
Vice-President and Gen'l. Manager.

CABLE ADDRESS:  
"XYDSUN NEW YORK."

Nos. 92 to 108 GOERCK STREET.

Subject \_\_\_\_\_

New York, Dec. 20, 1885.

Samuel Insull, Esq.

65 Fifth Avenue, City.

Dear Sir:--

We hand you a statement of ours against the Shamokin Company. In it you will find that on October 25th and November 3d, 1884 we had bills for this Company for furnishing new brush holders for their machines. They have steadily refused to pay these bills and say that they sent back to the Construction department two sets of old "H" brush holders in place of them. We have of course refused to accept these as we never order them to send them back. They however sent back these brush holders and they were entered to the account of the Construction Company. I should like to get this matter settled up before January 1st and probably you can suggest some way to settle it as I believe you have some account with this Company also. We are quite willing to do anything that is fair but you know these people ordered from us the brush holders and then when we asked for payment they simply told us they had sent old ones back in place of them with which we had nothing to do at all. Can you propose anything?

Truly Yours,

Edison Machine Works,

3 enclosures.

By

*Chas. Batchelor*

Gen'l. Manager.

Edison Machine Works  
To

John C. Pennington Dr

To professional services as follows:

Nov. 1884 Interview with the Bachelor in  
regards Contract between Machine  
Works & Son & preparing letter  
on behalf of works 10

April 1885 Consultations with the Bachelor, the  
Messrs. as to Contract & accounts between  
Machine Works & Son  
Edison & various Companies, & changing  
debts, 10

" Consultations with Messrs. Bachelor  
& Messrs. as to Tax Statement of  
Machines, preparing same &  
Attendance before Commission meeting  
in securing Tax valuation of property  
to \$10,000 50

April 7th Examination of Contract between  
~~Machine Works~~ relating to Railway 10  
& interview with the Bachelor in  
reference to same

Sept 6th Interview with the Bachelor &  
advice as to loaning on same 10

Contract, of preparing Power of attorney

Oct 1885

Advice as to suit of <sup>Mason</sup> claims  
of Sullivan & Mitchell, appearing  
in suit as attorney for the works  
drawing satisfaction price of  
judgment & various interviews  
with plffs attorneys 25  
1250

Various attendances at Court in  
suit of Dean or Edison, interviews  
with witnesses & plaintiffs attorney 150  
Preparing chase & order of discontinuance  
& submitting same

<sup>Mason & works</sup>  
Mason vs Edison, interviews with witnesses  
preparing & filing accus & attendances  
at Court in above suit. 50 -

\$ 315 - 245 70

mailed copy to  
C.B. Dec 1, 1885  
J.B.P.

Edison:--

With the shipment of the #4 dynamo we sent you your disc dynamo as we thought it would be better for you to have it there than for us to take it to Schenectady.

The #4 plates will come over to-day by express in a box. The end that you can open is screwed on so that you can take the cover off and pack them again in the same box and return them

to us.

*Chas. S. Smith*

Samuel Insull:--

Would say in regard to the second clause that The Edison Machine Works' prices can never be regular quotations as the price varies every day with the price of material. We cannot put up a list price and say we will never sell lower than that because the discount is regulated always by the price of material at the time. We can say that our prices will be regulated according to the terms of our contract with the Light Company.

In regard to the Callender Company guaranteeing its cables against faults other than mechanical troubles would say that this ought also to include mechanical troubles that are easily foreseen, as for instance the laying of a cable so close to the surface that the heavy traffic ~~over~~ it would crush down the earth and damage it, or such like faults. The contract should exempt from this guarantee only those mechanical troubles which are impossible to be foreseen.

On the second page where the work must be done to the satisfaction of the Callender Company's man we should require that the Callender Company's supervisor will give to The Edison Machine Works each time that a cable is laid a certificate stating that the work is properly done and this certificate should be accepted by the Callender Company so that their responsibility in the matter can be fixed easily if necessary. The same kind of a certificate shall be given to The Edison Machine Works in the case of repairs which are done under the supervision of the Callender Company's man. In case the Company should not send a man to supervise the making of the repair, the Callender Company must accept our account in the same manner that they would if their supervisor had ever looked the work.

In regard to payments would say that the Callender Company to receive payments as The Edison Machine Works receive theirs and in kind.

The clause in the middle of the second page in regard to the compounds should read so:-- "The Callender Company to supply The Edison Machine Works with receipt for making the Callender Company's insulating compounds for insulating and surrounding cables and such compounds The Edison Machine Works are to be allowed to make if they so desire or to use its own compounds in place of it." The

The Callender Company should supply every speciality that may be necessary for laying their cables beside the bituminous bridges.

The clause in regard to turning over all cable manufacture to them is very broad and I think it would be unwise for us to keep that in unless you should add to the last paragraph but one the words, "to make them itself or return to its own cable manufacture." I mean the second paragraph on the third page.

The contract should provide that the Callender Company must not give a price for a cable laid lower than we do

They

agree always to give us 10% better price on the cable but as the item of laying the cable in many cases is very large and the boxes and compound form a large item he might be able to quote the price of a cable laid at a lower price than we could by taking off all profit on material, labor and laying.

The contract should also provide that in some specific cases we are at liberty to use whatever cable we like or which is in our judgement the best for the purpose. There are many places where short pieces of cable go in which we might think that a piece of kerite cable would be the only thing that would do in the case. As an instance, to show that we do not want to be arbitrary in this, we have to pass with our cables underground where boilers, bake ovens, heating apparatus are or along side steam heating pipes, where the heat in the trench would injure the cable. In such cases we must be allowed to put in whatever system of conductor we deem it best to use in that particular place.

In the third paragraph of the first page, the word any should be interposed to make it read as follows:-- "The Callender Company to bill their cables to The Edison Machine Works at prices 10% lower than that given by The Callender Company to any other parties.

The Edison Machine Works.

Ed. Light-  
Edison Machine  
(1885) Works

## Head of Agreement Between

The Callender Insulating &  
Wiring Co. of N.Y. & The  
Edison Machine Works of N.Y.

1<sup>st</sup> Machine Works to offer the  
Callender Cable to ~~its~~ Customers  
for feeders at the same time  
of offering <sup>at the same time</sup> Submarine Cables  
~~Prices to be the equal of the others~~

2<sup>nd</sup> Callender Co. not to compete  
any with the machine works on  
underground work for Edison  
Companies but to have the  
right to send a Representative  
to urge the advantages of their  
Cable for feeder work.

3<sup>rd</sup> Callender Co. to bill their  
Cables to the Machine Works  
at 10% lower than <sup>best</sup> prices  
given to other parties.

Callender Co. to guarantee  
its Cables for a period of  
five years against faults  
other than mechanical ones.

Under the  
 guarantee to him  
 from the  
 Board of  
 Directors  
 of the  
 Board of  
 Directors

troubles from lightning  
 to allow 20% of the amount  
 of their contracts to remain  
 in the hands of a third  
 party to be agreed on as  
 a further security for  
 their guarantee (the period  
 for this 20% in excess  
 must be agreed on)

When laying cables  
 Edison works to have one  
 of Callender's men to  
 supervise the laying and the  
 work to be done to his  
 satisfaction. Callender  
 to sign his approval  
 as to proper execution of  
 the work.

Cables to be laid in  
 wooden or

plans upon which  
 cables to be laid to be  
 approved by Callender Co

Payment to Callender  
 Co to made as payments  
 are received by Edison  
 works - Special terms in special  
 cases to mutually agreement

20-1-22  
2-2-19-2  
2-2-19-2  
2-2-19-2  
2-2-19-2

Callender Co to supply  
 Hanson Works with receipt  
 for making compound for  
 surrounding cables & give  
 all assistance in getting  
 low prices on material &  
 use them for making  
~~Callender Co budgets~~

If Callender Co has  
 agents covering the casing  
 of their cables & machine works  
 who have use of them so far  
 as any work where the  
 cables are used are concerned

Machine Works to under-  
 take in consideration of  
 this agreement not to make  
 up cables for underground  
 work & to the extent influence  
 to throw work into the hands  
 Callender Co.

Machine Works to be protected  
 in case better or cheaper  
 system is devised.

~~In consideration~~  
 Callender wants that to  
 go into Cable Works

2/20/2000  
with the price  
of copper

12345678910

25

When laying Callender cables the Edison Machine Works must accept one of the Callender Co's. men to supervise the laying of the cables, the work in doing which to be done to his satisfaction, the Callender Co. to accept his approval as a proper execution of the work. The plans upon which the Callender cables are laid to be approved by the Callender Co. Payments on each contract to be made by the Edison Machine Works as they receive payments from their customers. <sup>if the</sup> Edison Machine Works desires to make special terms with its customers, ~~extending payments over a very long period~~, such terms ~~must be approved by the Callender Co.~~ <sup>to be submitted</sup> ~~for approval~~.

The Callender Co. to supply the Edison Machine Works with receipt for making ~~compound~~ <sup>for</sup> ~~surrounding~~ the cables, and such compound the Edison Machine Works is to be allowed to make, if they so desire. <sup>that</sup> The Callender Co. to supply bituminous bridges for carrying the cables in troughs at a price ten per cent lower than those quoted to other parties. The Callender Co. to use its influence in getting low prices for the Edison Machine Works on bitumen if desired.

If Callender Co. has any patents covering the laying of their cables the Edison Machine Works to have the use of such ~~cables~~ <sup>relationships</sup> so far as they may require them in laying ~~any cables~~ bought from the Callender Co. The Edison Machine Works to undertake to turn all its cable manufacturing <sup>undertaken</sup> over to the Callender Co., and to agree not to go into the manufacturing of such work. <sup>they</sup> ~~relationships~~ <sup>divide</sup> ~~their~~ <sup>profits</sup> ~~work~~ <sup>as</sup>

In case the Edison Machine Works wants any cables manufactured outside of those quoted by the Callender Co. in their regular lists, the contract must provide for the Edison

Machine Works being protected against the Callender Co. charging exorbitant prices for manufacturing same (Mr. Insull is uncertain as to how this is to be obtained, and would like to have Mr. Callender's views thereon).

Should the Edison Machine Works have offered them a cheaper system of cables, equally reliable as the Callender System, or a better system of cables (at the same price) than that offered by the Callender Co., the Edison Machine Works to have the right to call on the Callender Co. to meet the prices and the quality of the work offered by the new parties, and in the event of the Callender Co. failing to do this, the Edison Machine Works to have the right to use any such new system.

The contract to provide for a continuing interest to the Edison Machine Works in the business of cable feeders for Edison Companies, in the event of the Callender Co. breaking its contract after the business has been worked up by the Edison Machine Works.

Callender Co must not give a price for a cable land through us we do



WHEREFORE, the Plaintiff demands judgment against the Defendant for the sum of                    dollars with interest thereon from the                    day of                    188 , together with the costs of this action.

BY LAWS OF THE AMERICAN PULVERIZER COMPANY.

ARTICLE I.

OFFICE OF BUSINESS.

The principal office and place of business of the Company, shall be at No.  
In the City of New York.

ARTICLE II.

MEETING OF STOCKHOLDERS.

SEC. 1. There shall be an annual meeting of stockholders, held at the Office of the Company on the first Tuesday of each and every year, and due notice of such meeting shall be given as the law directs, and written notices thereof, shall be sent to each stockholder at his last known place of residence.

SEC. 2. Special meetings of the stockholders may be held at any time by order of the President or by a majority of the Trustees, after ten days notice of such meeting to the stockholders mailed to them at their last known place of residence.

ARTICLE III.

VOTES AND PROXIES.

At any meeting of stockholders, each share of stock shall be entitled to count one vote, but such vote can only

BY LAWS.

--of--

THE AMERICAN PULVERIZER COM-  
PANY.

be given by a shareholder in person, or in case of his absence by a written proxy given to, and in the hands of a stockholder.

ARTICLE IV.

TRUSTEES.

SEC. 1. There shall be four trustees, who shall be elected at the annual meeting of the stockholders on the \_\_\_\_\_ day of \_\_\_\_\_ in each and every year.

SEC. 2. In case of vacancy by death, resignation or disqualification, the vacancy shall be filled by the Trustees.

SEC. 3. The trustees shall hold office for one year from the date of their election, but in case of the failure or omission to hold any election, they shall hold over and continue in office, until their successors are elected.

SEC. 4. No person shall be elected a trustee, unless he owns at least \_\_\_\_\_ shares of the capital stock of the Company.

SEC. 5. Regular meetings of the Board of Trustees, shall be held at the office of the Company on the second Tuesdays of February, May, August and November in each and every year.

SEC. 6. Special meetings may be called at any time by the President, or any three of the Trustees, written or personal notice of the time and place of such special meetings must be given to each trustee at least one day prior thereto.

ARTICLE V.

OFFICERS.

The officers of the Company shall consist of a President, Vice President, Secretary and Treasurer.

ARTICLE VI.

TERM OF OFFICE.

SEC. 1. The President, Vice President, Secretary, and Treasurer, shall be elected annually by the Board of Trustees on the \_\_\_\_\_ of \_\_\_\_\_ in each year but may be removed at any time by a majority of the Trustees.

SEC. 2. In case of death, resignation, or removal from office of any of the officers of this Company, the Board of Trustees shall forthwith elect a successor, who shall hold office for the expired term of such officer.

SEC. 3. In case of the neglect or failure of the Trustees to elect officers at the time pregeribed in Article VI. of these By Laws, the officers previously elected shall hold over and continue in office until an election is held.

ARTICLE VII.

DUTY OF PRESIDENT AND VICE PRESIDENT.

SEC. 1. It shall be the duty of the President to preside at all meetings of the stockholders and Board of Trustees, to sign all certificates of stock of the Company, and to do and perform all acts incident to his office,

SEC. 2. The Vice President in the absence of the President shall perform the duties of the President.

ARTICLE VIII.

OF THE SECRETARY.

The Secretary shall keep the minutes of the Board of Trustees in proper books provided for that purpose, and all the records and papers of said Board; he shall also keep the minutes of all meetings of the stockholders. He shall have the care and custody of the Seal, Stock and Transfer Books of the Company, and shall attend to the giving and serving of all notices of the Company. And shall do and perform such other acts and duties, as may be assigned to him by the Board of Trustees.

ARTICLE IX.

OF THE TREASURER.

The Treasurer shall have the care and custody of the books of account, and of all the funds of the Company, and shall deposit all moneys in such bank or banks as the Trustees may designate, and shall sign all checks used in

the regular course of business, and such checks shall also be countersigned by the President. He shall keep his bank account in the name of the Company, and shall render a statement of his cash account at each regular meeting of the Board of Trustees. He shall also perform such other duties as may be assigned him by the Board of Trustees.

#### ARTICLE X.

##### OTHER OFFICERS.

The Trustees shall appoint such other officers, employees and agents, as they shall deem best, and shall fix the salaries of all of the Officers of the Company.

#### ARTICLE XI.

##### DEBTS, AND THEIR CONTRACTION.

No debt or liability beyond the necessary legitimate business and current expenses of the Company, shall be contracted without the authority of the Board of Trustees. And no note or notes shall be given for any purpose without a like authority.

#### ARTICLE XII.

##### STOCK, AND THE TRANSFER THEREOF.

SEC. I. Each stockholder in the Company, shall have a certificate or certificates of stock, signed by the President and Secretary, and stamped with the corporate seal, stating the number of shares owned by said stockholder.

SEC. 2. Such stock shall be transferable on the books of the Company by the holder thereof, in person, or by power of Attorney, and upon surrender of the certificate so transferred.

ARTICLE XIII.

DIVIDENDS.

Dividends of the net profits in hand, shall be declared and paid as often and at such times as the trustees may elect.

ARTICLE XIV.

SEAL.

A suitable seal shall be provided, and the affixing of the seal to contracts and instruments, together with the signatures of the President and Treasurer, shall bind the Company.

ARTICLE XV.

The foregoing By-Laws may be altered, amended or added to, at any meeting of the Trustees, by a majority vote.

**1885. Electric Light - Edison Shafting Manufacturing Company (D-85-032)**

This folder contains correspondence, agreements, and other documents relating to the business of the Edison Shafting Manufacturing Company in New York City. This company manufactured belts, pulleys, and rotating bars used in shafting gear assemblies. Much of the correspondence is by Harry M. Livor, general manager of the company.

Approximately 20 percent of the documents have been filmed. The following categories of documents have not been filmed: routine correspondence regarding orders, shipping, and supplies; inventories; duplicate copies of selected documents. Related material can be found in the Edison Shafting Manufacturing Company Letterbooks, LB-006 - LB-011 (not filmed).

T. A. EDISON,  
PRESIDENT.

CHAS. BATCHELOR,  
TREASURER.

H. M. LIVOR,  
GEN'L. MANAGER.

# The Edison Shafting Manufacturing Company,

MANUFACTURERS OF  
FINISHED STEEL AND IRON SHAFTING, COUPLINGS, HANGERS, PULLEYS, &c.,

ALSO  
Agents for the sale of COLD-ROLLED STEEL SHAFTING,  
OFFICE AND WORKS,  
86, 88, 90 & 92 GOERCK STREET,

New York, May 16 1887

Alfred Duell Esq  
New York  
Dear Sir

After paying a check  
of \$100 in note I pay all the note  
on hand but 200 about \$100  
note due next Tuesday. I think  
about 317<sup>th</sup> can be left  
in temporarily, I have spent  
fully three days this week to take  
care of the payments referred to &  
I am very positive that I lost  
a \$1200 Central through not  
having followed it up in consequence  
of not having the time.

We have no notes due after  
Tuesday until the 7<sup>th</sup> of next month  
this giving me a little more time  
to have to prepare for the same.  
Yours truly  
H. M. Livor

T. A. EDISON,  
PRESIDENT.

CHAS. BATCHELOR,  
TREASURER.

H. M. LIVOR,  
GEN'L. MANAGER.

The Edison Shafting Manufacturing Company,  
MANUFACTURERS OF  
FINISHED STEEL AND IRON SHAFTING, COUPLINGS, HANGERS, PULLEYS, &c.,

—ALSO—  
Agents for the sale of COLD ROLLED STEEL SHAFTING,  
OFFICE AND WORKS,  
86, 88, 90 & 92 GOERCK STREET,

New York, May 29, 1885

Samuel Insull Esq  
New York City

Dear Sir:

Have you been able to  
do anything as yet about getting  
money into this concern, you  
know it is absolutely necessary  
that something is done promptly  
or else we may suddenly find  
ourselves in a hole, let me hear  
from you with haste

Yours truly

H. M. Livor

T. A. EDISON,  
PRESIDENT.

CHAS. BATCHELOR,  
TREASURER.

H. M. LIVOR,  
GEN'L. MANAGER.

**The Edison Shafting Manufacturing Company,**  
MANUFACTURERS OF  
FINISHED-STEEL AND IRON SHAFTING, COUPLINGS, HANGERS, PULLEYS, &c.,

—ALSO—  
Agents for the sale of COLD ROLLED STEEL SHAFTING,

OFFICE AND WORKS,

86, 88, 90 & 92 GOERCK STREET,

New York, *June 3<sup>rd</sup> 1885*

*Mr Samuel Insull*

*Dear Sir*

I must call your attention  
to our note book which we  
have simply outstayed account  
which if prompt collection  
could be made would enable  
us to carry ourselves through  
yet as you know then collection  
cannot be made promptly  
enough to help us. This being  
the case I shall very much  
like to know what I can depend  
on in the matter of finance.

Unless some arrangement  
can be made to make this  
matter less troublesome to me  
I think it will be impossible  
for me to do justice to the

T. A. EDISON,  
PRESIDENT.

CHAS. BATCHELOR,  
TREASURER.

H. M. LIVOR,  
GEN'L. MANAGER.

The Edison Shafting Manufacturing Company,  
MANUFACTURERS OF  
FINISHED STEEL AND IRON SHAFTING, COUPLINGS, HANGERS, PULLEYS, &c.,  
—ALSO—

Agents for the sale of COLD ROLLED STEEL SHAFTING,  
OFFICE AND WORKS,  
86, 88, 90 & 92 GOERCK STREET.

New York, *Mar 21* 1885  
Mr Samuel M. Bull  
My City

Dear Sir, I am obliged to notify  
you that either one of two  
things is apt to occur & that  
at one one is that the shaft  
will have no work & the other  
that no promise to pay will  
go to protest, I certainly have not  
time to finish an empty treasury  
& at the same time receive work  
& take general supervision of the  
business perhaps the majority  
stockholders think it can be done  
by one man & I am very much  
inclined to let them try more  
especially as I can contribute  
time ago placed the fact before

T. A. EDISON,  
PRESIDENT.

CHAS. BATCHELOR,  
TREASURER.

H. M. LIVOR,  
GEN'L. MANAGER.

The Edison Shafting Manufacturing Company,  
MANUFACTURERS OF  
FINISHED STEEL AND IRON SHAFING, COUPLINGS, HANGERS, PULLEYS, &c.,

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OFFICE AND WORKS,  
86, 88, 90 & 92 GOERCK STREET,

New York, \_\_\_\_\_ 188

them & up to this time but  
little or no ~~indication~~ inclination  
has been shown to aid me.

It has positively come to ~~the~~<sup>our</sup>  
point now where by some means  
the Finance of this Company must  
be placed upon a sufficiently  
solid base to leave me untrammelled  
to secure work or I shall be  
obliged to turn the matter <sup>of management</sup> ~~entirely~~  
over to any such person as the  
stockholders may select.

Fully three quarters of my time  
is taken up in getting in money to  
make me pay roll & notes. The  
result is now stopping itself  
we probably have not over 10 days  
work ahead whereas I am  
positive that if the same time

T. A. EDISON,  
PRESIDENT.

CHAS. BATCHELOR,  
TREASURER.

H. M. LIVOR,  
GEN'L. MANAGER.

# The Edison Shafting Manufacturing Company,

MANUFACTURERS OF  
FINISHED STEEL AND IRON SHAFTING, COUPLINGS, HANGERS, PULLEYS, &c.,

—ALSO—  
Agents for the sale of COLD ROLLED STEEL SHAFTING,  
OFFICE AND WORKS,  
86, 88, 90 & 92 GOERCK STREET,

New York, \_\_\_\_\_ 188

Notes of Selling & Management.  
<sup>What</sup> the result will be you know  
a well as I.

We have a note coming due  
Saturday of this week & we  
have about \$300 in bank the  
note is \$610 this note pay roll  
will make about \$1050. I am  
promised sufficient to meet  
them payments, but promises  
are not as a general thing  
kept.

There is no one talking  
I cannot stand the worry  
everything is on my shoulder  
& if my partners do not  
take sufficient interest in  
the business to aid me I  
shall have to stop. H. M. Livor  
June 14

T. A. EDISON,  
PRESIDENT.

CHAS. BATCHELOR,  
TREASURER.

H. M. LIVOR,  
GEN'L. MANAGER.

# The Edison Shafting Manufacturing Company,

MANUFACTURERS OF

FINISHED STEEL AND IRON SHAFTING, COUPLINGS, HANGERS, PULLEYS, &c.,

—ALSO—

Agents for the sale of COLD ROLLED STEEL SHAFTING,

OFFICE AND WORKS,

86, 88, 90 & 92 GOERCK STREET,

New York, Aug 12<sup>th</sup> 1885

Samuel Insull Esq  
My City  
Dear Sir

It will be a great  
convenience if you could arrange  
to renew the note of 609<sup>2</sup>  
to the Edison due on the 17<sup>th</sup> at  
least, could we not get you  
to discount another note for  
us & take up the one due  
with the friends, collection  
are very poor.

Yours truly  
H. M. Livor  
and Mgr.

T. A. EDISON,  
PRESIDENT.

CHAS. BATCHELOR,  
TREASURER.

H. M. LIVOR,  
GEN'L. MANAGER.

The Edison Shafting Manufacturing Company,  
MANUFACTURERS OF  
FINISHED STEEL AND IRON SHAFTING, COUPLINGS, HANGERS, PULLEYS, &c.,

—ALSO—  
Agents for the sale of COLD ROLLED STEEL SHAFTING,  
OFFICE AND WORKS,  
86, 88, 90 & 92 GOERCK STREET,

New York, Sept 1885

Samuel Insull Esq  
Dear Sir  
I have been expecting you  
here as you promised to look  
over our affairs. I think one  
shall have to put in another  
small note in the bank this  
week. I have been trying to  
collect money Saturday yesterday  
to-day to take care of the two  
notes coming due this week &  
the pay roll have managed to  
get enough to take care of notes  
due to-morrow, but there is another  
due next day, will try to see  
whether I can get in enough to  
morrow for that, whether I do or  
not it will be necessary to  
put in a note in the bank for the

T. A. EDISON,  
PRESIDENT.

CHAS. BATCHELOR,  
TREASURER.

H. M. LIVOR,  
GEN'L. MANAGER.

The Edison Shafting Manufacturing Company,  
MANUFACTURERS OF  
FINISHED STEEL AND IRON SHAFTING, COUPLINGS, HANGERS, PULLEYS, &c.,  
—ALSO—

Agents for the sale of COLD ROLLED STEEL SHAFTING,  
OFFICE AND WORKS,  
86, 88, 90 & 92 GOERCK STREET,

New York, 5 5 188

pay roll this week.  
Anyway into it will be  
as well to look into our affairs  
it seems very strange to me  
that both you & Mr. Batchelor  
have for a long time taken  
active apparently so indifferent  
as to the affairs of this Co.

Yours truly  
H. M. Livor

T. A. EDISON,  
PRESIDENT.

CHAS. BATCHELOR,  
TREASURER.

H. M. LIVOR,  
GEN'L. MGR.

The Edison Shafting Manufacturing Company,  
MANUFACTURERS OF  
FINISHED STEEL AND IRON SHAFTING, COUPLINGS, HANGERS, PULLEYS, &c.,

— ALSO —  
Agents for the sale of COLD ROLLED STEEL SHAFTING,

OFFICE AND WORKS,

86, 88, 90 & 92 GOERCK STREET,

New York, Sept 15 1885

Samuel Insull Esq  
60 Wall  
Dear Sir

In reference to  
the exchange check  
which you wish us to give  
you yesterday - We will  
give you a check but  
it will not be good as  
there will be no money  
to meet it & any way  
we will be in the hole  
to meet the ~~check~~ <sup>note</sup> for  
\$436.00 due on Friday which  
is the first one given to  
the Cambria Iron Co for  
shafting we had calculated  
to put into bank for  
discount but a Mr. Batchel

T. A. EDISON,  
PRESIDENT.

CHAS. BATCHELOR,  
TREASURER.

H. M. LIVOR,  
GEN'L. MANAGER.

The Edison Shafting Manufacturing Company,  
MANUFACTURERS OF  
FINISHED STEEL AND IRON SHAFTING, COUPLINGS, HANGERS, PULLEYS, &c.,

—ALSO—  
Agents for the sale of COLD ROLLED STEEL SHAFTING,

OFFICE AND WORKS:

86, 88, 90 & 92 GOERCK STREET.

New York, \_\_\_\_\_ 188

Will not be home until  
Thursday or Friday we  
cannot do that and  
consequently there will  
be no possible way for  
us to visit it as that  
was the way we intended  
to take it up.

If the check will  
answer your purpose  
will as we have before  
said give it to you

Very truly  
yours

H. M. Livor  
Jr.

T. A. EDISON,  
PRESIDENT.

CHAS. BATCHELOR,  
TREASURER.

H. M. LIVOR,  
GEN'L. MANAGER.

The Edison Shafting Manufacturing Company,  
MANUFACTURERS OF  
FINISHED STEEL AND IRON SHAFTING, COUPLINGS, HANGERS, PULLEYS, &c.,

ALSO  
Agents for the sale of COLD ROLLED STEEL SHAFTING,

OFFICE AND WORKS,

86, 88, 90 & 92 GOERCK STREET,

New York, Nov 14 1885  
Samuel Insull Esq  
NY City  
Dear Sir

I enclose suggestion  
& memorandum of agreement  
proposed between the Brothers  
C. & H. Shaffy Co, please  
analyze it & return to  
me as soon as possible  
with comments.

Yours truly  
H. M. Livor

T. A. EDISON,  
PRESIDENT.

CHAS. BATCHELOR,  
TREASURER.

H. M. LAVOR,  
GEN'L. MANAGER.

# The Edison Shafting Manufacturing Company,

MANUFACTURERS OF

FINISHED STEEL AND IRON SHAFTING, COUPLINGS, HANGERS, PULLEYS, &c.,

Agents for the sale of COLD ROLLED STEEL SHAFTING,

OFFICE AND WORKS,

86, 88, 90 & 92 GOERCK STREET,

New York, Nov 27 1885

Samuel Insull Esq.  
Dear Sir

Can we not make some  
arrangement for renewal for  
the Gov - note coming due  
next Monday, it is just possible  
that by that day we may be  
able to pay a little on it  
but if not I am not sure.  
I fully expected to take care  
of this note through the arrangement  
with the Placer Co but through  
the neglect or otherwise it  
may be of the Tomlinson we  
have had nothing in the shape  
of an agreement to submit to  
them you know I called your  
attention to this matter re-  
turn make say & you said

T. A. EDISON,  
PRESIDENT.

CHAS. BATCHELOR,  
TREASURER.

H. M. LIVOR,  
GEN'L. MANAGER.

The Edison Shafting Manufacturing Company,  
MANUFACTURERS OF  
FINISHED STEEL AND IRON SHAFTING, COUPLINGS, HANGERS, PULLEYS, &c.,

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New York, \_\_\_\_\_ 188

you would see him & which  
you afterwards said you  
had done & as the arrangement  
was ~~not~~ to have gone into effect  
1st Dec 3 days hence you  
can see now that we may  
have to put off the matter by  
connecting with them until the  
1st of January.

Yours truly  
H. M. Livor  
Gen'l. Mgr.

T. A. EDISON,  
PRESIDENT.

CHAS. BATCHELOR,  
TREASURER.

H. M. LIVOR,  
GEN'L. MANAGER.

The Edison Shafting Manufacturing Company,  
MANUFACTURERS OF  
FINISHED STEEL AND IRON SHAFTING, COUPLINGS, HANGERS, PULLEYS, &c.,

ALSO  
Agents for the sale of COLD ROLLED STEEL SHAFTING,

OFFICE AND WORKS:

86, 88, 90 & 92 GOERCK STREET.

New York, Nov 20<sup>th</sup> 1885

Mr Samuel Insull  
NY City

Dear Sir I saw you Print  
Saturday & I think without  
any doubt our arrangement  
with them will go into effect  
within one week

Now we have only \$50<sup>00</sup>  
in bank & while we will  
have more funds before the  
week is over we cannot meet  
that \$600 note to day, but if  
you will help us out I  
will make the following promise  
to give you as soon as I arrange  
with them but not less than  
\$300, - Cash & a new note  
for \$300 which you can have

T. A. EDISON,  
PRESIDENT.

CHAS. BATCHELOR,  
TREASURER.

H. M. LIVOR,  
GEN'L. MANAGER.

The Edison Shafting Manufacturing Company,  
MANUFACTURERS OF  
FINISHED STEEL AND IRON SHAFTING, COUPLINGS, HANGERS, PULLEYS, &c.,

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OFFICE AND WORKS,  
86, 88, 90 & 92 GOERCK STREET.

New York, \_\_\_\_\_ 188

discounted which we will  
meet at maturity, now  
before we not fail me in  
this & I will surely see  
you through as stated & it  
will only take a few days  
at most.

I have a appointment in  
Hoboken on a big job this  
morning, but I will mail  
this to you for you.

Yours truly

H. M. Livor

N.B. Do not forget to mention in  
1st Dec & the meeting to be held  
about increasing Capital. Stock which  
time will meeting be held, but we know

New York December 1<sup>st</sup> 1885  
Edison Shafting Manufacturing Company  
To

John C. Touberson Esq

To

Professional Services as follows:

1885

April

Consultation with Mrs Insull in regard to "Tax  
Statement". Interview with "Tax Commissioners"  
resulting in assessing tax violation to \$5000 -

Nov 6<sup>th</sup>

To Date

Various interviews with Mrs Insull in regard  
to increasing Capital of Company from ten to  
thirty thousand dollars, & advice & instruction as to  
proceedings necessary -

Nov -

Consultation in regard to & preparing draft Contract  
between "Shafting" Company & "Gas place  
Agency"

Total

\$ 75-

Received payment

Filed  
Dec 1, 1885  
J.C.T.

M I N U T E S of a Special Meeting of the Stock-holders of the EDISON SHAFITING MANUFACTURING COMPANY, held at the Office of the Company, on the 1st day of December, 1885, in pursuance of a Resolution of the Board of Trustees of this Company passed at a meeting of the Board on the            day of            1885.

This meeting of the Stock-holders of the Company was called for the purpose of considering the advisability of and taking the necessary proceedings for increasing the capital of the Company from its present capital of ten thousand, to thirty thousand dollars, a notice of such meeting addressed to the Stockholders and signed by a majority of the Trustees having been published in a newspaper printed in the city of New York, for at least three successive weeks prior to the same, and a written copy of such notice having been posted in the Post Office addressed to each Stock-holder to his usual place of residence at least three weeks previous to the day fixed for the holding of the meeting as provided in section 21 of the Act under which the Company is organized. The following Stock-holders of the Company were present: CHARLES BATCHELOR, one share; H. M. LIVOR, one share; JOHN KEMESI individually and as Trustee, ninety-seven shares. The cestui qui Trust being represented in the persons of MESSRS. BATCHELOR & LIVOR and Mr. INSULL as representing Mr. EDISON.

The meeting was organized by the selection of

Mr. BATCHELOR, one of the Trustees as Chairman, and Mr. INSULL as Secretary.

The Chairman of the Meeting stated that it had appeared for some time to the Trustees of the Company that the present capital was inadequate to the proper development and conduct of its business that it seemed to them advisable that its present capital should be increased.

The Treasurer made a statement showing that the entire capital stock of the Company had been issued in the purchase of property necessary for its business, that its entire capital amounted to \$                      and that the total amount of the debt and liabilities of the Company at the present time were \$                      and that the amount to which it was proposed to increase the capital stock of the Company was \$30,000.

Mr. LIVOR then moved the following resolution:-

RESOLVED: That the Capital Stock of this Corporation be increased from \$10,000 to \$30,000 and that the amount by which the said Capital Stock is increased to wit, \$20,000 be offered for subscription to the Stockholders in proportion to their holdings at par, or be issued for the purchase of property necessary for the business of the Company.

The motion was seconded by Mr. KEMESI and upon

being put by the Chairman was unanimously carried, votes representing all the shares of the stock of the Company being cast in favor of such resolution.

On motion of Mr. KEMESI seconded by Mr. LIVOR the Chairman and Secretary were directed to prepare or cause to be prepared and executed and filed with the proper authorities the necessary certificate as provided in section 22 of the Act under which the Company is organized.

The Meeting then adjourned.

This Agreement made and entered into this  
Ninth day of December one thousand eight  
hundred and eighty five.

Between The Edison Shafting Manu-  
facturing Company of the City, County  
and State of New York party of the first  
part, and Cornelius Van Buren, proprietor  
of The George Place Machinery Company  
of the same place, party of the Second part.

Witnesseth Whereas, the said party  
of the first part, for and in consideration  
of the sum of One Dollar lawful money  
of the United States, to it in hand paid  
by the said party of the second part, the  
receipt whereof is hereby acknowledged,  
and other valuable consideration hereinafter  
namely, does hereby agree as follows:-

First; the said party of the first part,  
constitutes and appoints the said party  
of the second part its sole agent for the  
sale of shafting, pulleys, hangers, and  
couplings, manufactured by said first party,  
and agrees to pay to the said second part  
for their services in making sales of the  
articles aforesaid, a commission of five  
(5) per cent. on the selling price of all such  
above named articles sold by said first party

Second: For the purpose of facilitating the manufacture and sale of the articles aforesaid, the party of the first part agrees to make and deliver its acceptances, to the said party of the second part in an amount not exceeding the sum of Ten Thousand Dollars; and the said party of the second part, agrees to make and deliver, his acceptances, to the said party of the first part <sup>in</sup> an equal amount or such other amounts as from time to time may be agreed upon by them as which may be deemed advantageous to both parties hereto; which acceptances so exchanged are to be paid by each party when they become due and payable. It being hereby expressly agreed that such acceptances shall be considered as an accommodation to each party hereto.

Third. The prices at which said goods hereinbefore named, shall be sold, shall be fixed by the said party of the first part, and credits to be given for goods sold by the said second party, shall be governed, controlled, and fixed by said second party, who shall guarantee to said first party, the payment of all goods sold by him in the course of the business transacted under this

agreement as hereinafter named.

Fourth. The party of the first part shall supply and keep the party of the second part supplied with a stock of said shafting, pulleys, and hangers, and couplings of the value of Five Thousand Dollars, which stock, the said party of the first part agree shall remain in the hands of, and stand pledged as a security to said second part for any and all money due by reason of advances of the acceptances herein before mentioned.

Fifth. The party of the second part shall make and deliver to the party of the first part, a statement of all goods sold once in each month, on or before the fifteenth (15) day thereof, and on all sales so made, said second party shall pay over to the first party, all sums due, first deducting the said commission from such sales of five (5) percent.

Sixth. The books of the party of the first part shall be open at all times to the inspection of the party of the second part.

Seventh. This agreement may be terminated by either party on giving to the other three months

notice in writing of the determination to do so. If terminated by the party of the second part he agrees to grant unto said first party a renewal of all acceptances which said party of the first part may have at the end of said three months, which said renewals shall be for a period of three months, extending beyond the date when each acceptance shall become due and payable.

Eighth All goods mentioned as aforesaid shall be delivered by the party of the first part at the ware room of the party of the second part No 121 Chambers St. in said city and kept insured at the expense of the party of the first part.

In Witness Whereof we have hereunto set our hands the day and year first above written.

Signed in presence of: Edwin Chaffing mfg Co

By Thomas H. Edison  
President

Samuel Insull  
Secretary

as to C. Van Brunt  
S. E. Fraser

George Blace Machinery Co  
C. Van Brunt

It is also agreed that both parties to  
above contract and to furnish each  
other prior to the time of maturity  
of the acceptance mentioned in  
second claim of above agreement  
renewal acceptance of equal  
amount it being agreed that  
the proceeds of these latter acceptances  
and such renewals and to con-  
tinue during the life of above  
agreement and also to be sub-  
ject to the fourth renewal as  
specified in seventh claim of  
above contract.

Edwin Shaffner Mfg Co  
Thomas R. F. Dixon  
Friends

Attest as to Thomas R. Dixon  
Saml. Insull  
Secy.

CERTIFICATE OF THE PAYMENT

OF THE CAPITAL STOCK

\_\_\_\_\_ of the \_\_\_\_\_

EDISON SHAPTING MANUFACTURING COMPANY.

CERTIFICATE OF PAYMENT

OF CAPITAL STOCK

\_\_\_\_\_ of the \_\_\_\_\_

EDISON SHAPTING MANUFACTURING  
COMPANY.

We. THOMAS A. EDISON, President and THOMAS A.

EDISON, CHARLES BACHELOR and HARRY M. LIVOR, being a ma-  
jority of the Trustees of the EDISON SHAPTING MANUFACTUR-  
ING COMPANY, do hereby certify:

1. That the Capital Stock of said Company is  
Ten Thousand Dollars.

2. That the entire amount thereof was issued  
for the purchase of property necessary for the business  
of the Company.

DATED:

President.

Trustee.

Trustee.

Trustee.

Trustee.

STATE OF NEW YORK. :  
CITY & COUNTY OF NEW YORK. :SS:

THOMAS A. EDISON, President, and one of the  
 Trustees of the EDISON SHAPING MANUFACTURING COMPANY,  
 and CHARLES BATCHELOR and HENRY M. LIVOR, Trustees being  
 severally duly sworn deposes and say, each for himself,  
 that the said THOMAS A. EDISON is President and the said  
 THOMAS A. EDISON, CHARLES BATCHELOR and HARRY M. LIVOR,  
 are Trustees of said Company and a majority thereof and  
 that the statements made in the foregoing certificate are  
 true.

Sworn to before me this :  
 day of 1885.:

CERTIFICATE OF PROCEEDINGS

OF

MEETING OF STOCKHOLDERS

TO

INCREASE CAPITAL.

We, CHARLES BATCHELOR, Chairman, and SAMUEL INSULL, Secretary, do hereby certify:

1. That a Meeting of the Stockholders of the EDISON SHAPTING MANUFACTURING COMPANY, was held at the office of said Company, pursuant to a call therefor duly made.

2. That CHARLES BATCHELOR, a Trustee, was duly elected Chairman, and SAMUEL INSULL was duly elected Secretary of said meeting.

3. Stockholders representing in person or by proxy more than two thirds of all the shares of stock of said Company were present at said Meeting.

4. Due proof of the statutory notice of said Meeting was made.

5. The Treasurer rendered a statement showing that the entire capital stock of said Company was ten thousand Dollars, and that the same had been issued for the purchase of property necessary for the business of the Company; that the entire capital of the Company was \$                      Dollars; that the debts and liabilities of the Company did not exceed the sum of                      Dollars.

6. The following resolution was offered:  
"Resolved that the Capital Stock of this Corporation be

"increased from ten to thirty thousand Dollars and that  
 "the amount by which the said Capital Stock is increased  
 "to wit, \$200,000., be offered for subscription to the  
 "Stockholders in proportion to their holdings at par or  
 "be issued for the purchase of property necessary for the  
 "business of the Company. "

7. The meeting proceeded to ballot on said resolution, before counting the ballots it was found that ballots representing all the shares of stock of the Corporation had been cast in favor of said resolution, and none opposed .

It appearing that a sufficient number of votes had been given in favor of said resolution, the Chairman declared the same adopted.

Chairman.

Secretary.

STATE OF NEW YORK. :  
 :SS:  
 CITY & COUNTY OF NEW YORK. :

CHARLES BATCHELOR, being duly sworn, deposes and says, that he was the Chairman of the Meeting referred to in the foregoing certificate, and that SAMUEL INSULL was Secretary thereof and that the statements con-

tained in the foregoing Certificate are true.

Sworn to before me this       :  
                                  :  
          day of               1885.  :

S T A T E   O F   N E W   Y O R K   :  
                                      :SS:  
C I T Y   &   C O U N T Y   O F   N E W   Y O R K .   :

On this               day of               1885, be-  
fore me personally appeared CHARLES BACHELOR, to me  
known and known to me to be the person described in and  
who executed the foregoing Certificate, and he acknowledg-  
ed to me that he executed the same for the purposes  
therein mentioned.

100/

Johnston & Co.  
16 B Broadway N.Y.

#3788

1885 (?)

Capital Stock \$10,000.

Shares, One Hundred Dollars Each

No

Share

Edison Shafting Manufacturing Company

This is to Certify That

is entitled to

Shares

of the Capital Stock of the Edison Shafting Manufacturing Company, Transferable only on the books of the Company at its office in the City of New York, in person, or by Attorney, upon surrender of this Certificate

In Witness Whereof the said Company

has caused this Certificate to be signed  
and stamped with its Corporate Seal  
by its President and Secretary at the City  
of New York this \_\_\_\_\_ day of \_\_\_\_\_

188

President

Secretary

For Value Received do  
hereby sell, assign and transfer to

Shares  
of the within mentioned Capital Stock  
of The  
Edison Shafting Manufacturing Company  
and do hereby constitute and appoint

true and lawful Attorney irrevocable  
To Transfer the said Stock on the Books  
of the said Company

In Witness Whereof  
I have hereunto set hand and  
seal, the day of  
one Thousand Eight Hundred  
and

Presence of

L. S.

**1885. Electric Light - Electric Tube Company (D-85-033)**

This folder contains correspondence and other documents relating to the business of the Electric Tube Company in New York City, which manufactured underground conductors for the Edison electric light system. Much of the correspondence is by John Kruesi, treasurer of the company.

Approximately 90 percent of the documents have been filmed. Routine letters enclosing checks have not been filmed.

Letter Tabl 60  
Law Offices of  
ECOLISINE & TOMLINSON,  
16 & 18 BROAD STREET.

THOS. D. E. ECOLISINE.  
JOHN C. TOMLINSON.

NEW YORK, January 6 1885

The Electric Tels Company

Gentlemen:

The annual report

of your Company will have to be  
filed & published before January  
20<sup>th</sup>

The report must state  
1, the amount of Capital, 2, the  
proportion actually paid in, 3, the  
Amount of the Co's existing debts;  
and must be signed & verified by  
the President & a majority of the  
Trustees - The Capital & amount  
paid in I know - Please send  
me a statement of your existing  
debts & I will prepare report -  
Yours truly,  
John C. Tomlinson

The Electric Tube Company.

18 to 24 Bridge St.

T. A. EDISON, Pres.  
JOHN KRUESI, Treas.  
SAMUEL INSULL, Sec'y.

Brooklyn, N. Y.,

Jan. 23 1885

Sam'l Insull Esq.  
65-5th Ave.  
N.Y.

Dear Sir,

Your communication in reference to settlement of E.T.C.'s a/c has been received. These endeavors to arrange the matter as proposed - i.e. - the payment of one half, \$100<sup>00</sup>, by the E.T.C.

Yours Truly  
John Kruesi

The Electric Tube Company.

18 to 24 Bridge St.

T. A. EDISON, Pres.  
JOHN KINGS, Treas.  
SAMUEL INSALL, Secy.

Brooklyn, N. Y.,

Feb. 14, 1885

Sam. Insall Esq.  
65-5th Ave.  
N.Y.

Dear Sir:

We received a cable from the German Edison Co. of Berlin, yesterday reading: "We accept information, samples etc. offered by Tube Company 29 January, paying 2500 dollars for both systems together cablegrammed". As we inferred from this that they made us a counter proposition, we called back last night as follows: "Each system costs 2500 dollars, see Tube Company's letter. Do you order both?". You will do us a favor by forwarding the answer to our message to our address immediately upon receipt.

Sincerely,  
Yours truly,

ELECTRIC TUBE CO.

Chas. Conroy

The Electric Tube Company,

18 to 24 Bridge St.

T. A. EDISON, Pres.  
JOHN KRUESI, Treas.  
SAMUEL INSULL, Secy.

Brooklyn, N. Y.,

Feb. 25<sup>th</sup> 1885

Am. Grant Esq.  
65-5<sup>th</sup> Ave.  
N.Y.

Dear Sir,

Please let me know  
whether or not you desire me  
to record the notes given to David,  
Morgan & Co; if so, please send  
me the particulars at your earliest  
convenience.

Yours Truly

Charles Dwyer

The Electric Tube Company,

18 to 24 Bridge St.

T. A. EDISON, Pres.  
JOHN KRUESI, Treas.  
SAMUEL INSULL, Secy.

Brooklyn, N. Y.,

Feb. 25 1885

My Dear Insull

Yours with enclosure  
just recd. Thanks.

We are getting this P.M. the  
first lot of capexes  
for Milan about 7000 lbs  
roughly half of the amount  
ordered. I shall be glad  
to see you soon

Yours truly  
J. Kruesi

-STATEMENT-

Brooklyn, N. Y. Feb 27<sup>th</sup> 1885

*McChesnut Electric Mfg. Co.*

In acc't with THE ELECTRIC TUBE COMPANY,

18 & 24 BRIDGE STREET.

|      |    |                      |        |        |
|------|----|----------------------|--------|--------|
| Jan. | 1  | To Balance           | 437 34 |        |
| "    | 14 | By rendered          | 36 18  |        |
| "    | "  | "                    | 4 43   |        |
| "    | 22 | "                    | 260 54 |        |
| "    | 26 | "                    | 156 00 |        |
| Feb. | 11 | "                    | 91 23  |        |
| "    | 17 | "                    | 12 20  | 987 92 |
| Jan. | 10 | By Cash              | 156 41 |        |
| "    | 14 | "                    | 14 50  |        |
| "    | 20 | "                    | 70 91  |        |
| "    | 26 | "                    | 240    |        |
| Feb. | 7  | "                    | 41 41  | 285 63 |
|      |    | Balance in our favor |        | 702 29 |

The above amount due us includes  
the disputed balance of \$199.<sup>22</sup>

**THE WESTERN UNION TELEGRAPH COMPANY**

THOS/ T. ECKERT, General Manager

**NORVIN GREEN** (Portland, Me.)

|              |              |                |                 |                         |
|--------------|--------------|----------------|-----------------|-------------------------|
| NUMBER<br>40 | SENT BY<br>R | RECD BY<br>14C | DATE<br>5-17-54 | ADDRESS<br>534 BROADWAY |
|--------------|--------------|----------------|-----------------|-------------------------|

Received at the WESTERN UNION BUILDING, 195 Broadway, New York. *Jan 11 8*

Delop Eagle office Brooklyn 3 Via 16 Broadway  
To Samuel Inauell  
65 Fifth Ave N.Y.

I am sick you try to come  
over tomorrow  
J. Kruesi

The Electric Tube Company,

18 to 24 Bridge St.

T. A. EDISON, Pres.  
JOHN KIRKUP, Treas.  
SAMUEL INSCALL, Sec'y.

Brooklyn, N. Y.

March 10<sup>th</sup> 1885

Mr. Inouell

Dear Sir,

We return herewith the  
letter of the D. B. I. also its  
translation together <sup>copy</sup> with our  
letter to them.

I think your letter will set them  
straight - but find a small  
mistake in it which I  
marked to call your attention  
to it.

truly yours  
E. T. Co.  
J. W. Russell

## The Electric Tube Company.

18 to 24 Bridge St.

T. A. EDISON, Pres.  
JOHN KILGUS, Treas.  
SAMUEL INSULL, Secy.

Brooklyn, N. Y., \_\_\_\_\_ 188

Transliteration of letter from Deutsche Elekt. Gesellschaft  
of Berlin, dated Feb. 26/85. —

Mr. T. A. Edison

S. H.

We find that you have received our letter of  
Feb. 14<sup>th</sup>, and hope that you have succeeded in  
obtaining the acceptance of our proposition to  
the Electric Tube Co. to supply us with the material  
required for \$2500.<sup>00</sup>. We beg leave to add that  
this material is intended for the Municipal  
Electric Works which we are about to build and for which  
at present, the Central Stations are being built in  
this City. It is but natural that we must  
have a profit on everything we supply to this com-  
pany, and we beg to ask you to take care that  
the bill for the above details is made out with  
an addition of 20% for us. Therefore if  
we are to receive the material for \$2500.<sup>00</sup>  
the bill must be made out for \$3000.<sup>00</sup> and  
in exchange, our current account to be credited  
with \$500. Requesting you to expedite the  
settlement of this affair, we remain

Yours,  
T. A. Edison.

P.S. Please acknowledge your agreement  
to the contents of this letter by  
envelope in which you mention  
the gross price only.

The Electric Tube Company.

18 to 24 Bridge St.

T. A. EDISON, Pres.  
JOHN KERUESS, Treas.  
SAMUEL INSULL, Sec'y.

Brooklyn, N. Y.,

*March 16* 1885

*Saml Charles Esq*  
*N.Y.*

*Dear Sir,*

*I would do  
me a favor by calling  
at our shop to-morrow  
(Tuesday) morning.*

*Very truly  
Yours*  
*J. Kerueß*

The Electric Tube Company.

18 to 24 Bridge St.

T. A. EDISON, Pres.  
JOHN KIMBELL, Treas.  
SAMUEL INGRAM, Secy.

Brooklyn, N. Y.

March 25 1885

My Dear Samuel

Taylor must have \$350 on  
Friday next from Enbros  
you see the I Co of NY owes  
us aside of the \$199 \$832.82  
will you please try to get  
a 30 days note from  
them for the \$832.82

Taylor act is \$845.88 we  
could clear it with a few dollars  
from our balance in bank.

Holmes B & Hayden wanted  
a check to day they will send  
Agent over tomorrow to see  
what we can do for them I  
propose to offer them 3 months  
note with interest added to it

but will try to put him  
off untill I see you.

truly yours  
J. Krueger

The Electric Tube Company.

18 to 24 Bridge St.

T. A. EDISON, Pres.  
JOHN KRUESI, Treas.  
SAMUEL INGHILL, Sec'y.

Brooklyn, N. Y.

April 15 1885

Samuel Inghill Esq  
St Nicholas Hotel  
Cincinnati  
Ohio

Dear Sir,

We forward you  
by this mail 6 price lists each  
of our 2- & 3-conductor sys-  
tems. We will allow a discount  
of 15% on small orders - a spe-  
cial discount will be given on  
large requirements upon appli-  
cation.

Sincerely  
Truly

ELECTRIC TUBE CO.

Charles Dwyer

The Electric Tube Company.

18 to 24 Bridge St.

T. A. EDISON, Pres.  
JOHN KRUESE, Treas.  
SAMUEL WISSELL, Secy.

Brooklyn, N. Y.,

May 12 1885

Thomas A. Edison Esq.  
65-5th Ave.  
N.Y.

Dear Sir,

We hereby acknowledge receipt of your favor of 8th inst. enclosing  
Edison Electric Light Co's stock \$100. -  
check 27.09  
making total of \$ 629.09,  
being payment in full of all  
claims held by us against the  
Edison Electric Light Co. to date.

Yours Truly

John Kruese  
Treasurer

THOMAS A. EDISON,  
NO. 65 FIFTH AVENUE.

NEW YORK, May 18 1885

Mr. Russell.

I saw Mr. Russell today  
he is better but still pretty sick.  
I find that he had already applied  
for the permit for Henry Minors' lecture  
through Mr. Hutchinson. Will you  
please see that we get it as soon  
as possible, else we cannot keep  
our street force going. If I could  
get it to-morrow it would be none  
too soon. An estimate from the  
Police Dept. Headquarters will  
be left here by 5 P.M. this morning,  
addressed to Russell, who wanted it  
to show Mr. Edison to-night. In  
it there is added \$800. to our  
net price being the same proportion  
of the total as the \$1500 added to  
the Fire Dept. estimate

John Langstaff

1885-06-03  
June 3<sup>rd</sup> 1885  
Thos A. Edison  
40 E. D. Williams  
American Bell Telephone  
Mkt St  
Boston

shall have to raise  
four thousand dollars  
for Pub Co on thirty  
days note. Will you  
authorize <sup>to give</sup> ~~to endorse~~  
your personal endorsement  
~~on same~~ <sup>your name</sup>  
otherwise cannot get  
it discounted

In full

25  
383  
63

**THE WESTERN UNION TELEGRAPH COMPANY.**

This Company TRANSMITS and DELIVERS messages on behalf of senders limiting its liability, which have been assumed to by the sender of the following message. Errors can be guarded against only by repeating a message to the sending station for comparison, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after sending the message. This is an UNREPEATED MESSAGE, and is delivered by virtue of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

**NORVIN GREEN, President**

## SIMULTANEOUS

## SENT IN

#### SUPPLEMENT

OTROR

8-20

Ox

2d

13 Feb

954 BWAY

1006

Received at the WESTERN UNION BUILDING, 195 Broadway, New York, June 8 1885

Dated 1 Boston Mass 3

To Saml Insull

Edison Light Co. 65 Fifth Ave. N.Y.

Will you be able to get some money  
on account for Luke Company

Edison

Cannot get payments  
from Telephone Company  
this week. Am making  
other arrangements  
~~which with Pombo~~  
~~wants to know when~~  
~~do you return Pombo~~  
~~wants to see you as to Dean~~  
matter.

Form No. 1.

**THE WESTERN UNION TELEGRAPH COMPANY.**

This Company TRANSMITS and DELIVERS messages only on conditions limiting its liability, which have been accepted to be the sender of the following message. Errors can be guaranteed against only by repeating a message back to the sending station for correction, and the company will not hold itself liable for errors or delays in transmission or delivery of Unrepeated Messages, beyond the extent of such past charges, and any case where the claim is not presented in writing within sixty days after sending the message.

This is an UNREPEATED MESSAGE, and is delivered by request of the sender, and the conditions cannot change.

NORVIN GREEN, President.

| NUMBER | SENT BY | RECD BY | REMARKS | CHARGE |
|--------|---------|---------|---------|--------|
| 398    | Or      | Ld,     | 12 Pm   | 406    |

Received at the WESTERN UNION BUILDING, 195 Broadway, New York, June 9 1885

Dated N Boston Mass 3

To Samuel Insull.

65 Fifth Ave N.Y.

You may give my personal Endorsement  
for John Howard for Tube Company.

Edison

The Electric Tube Company.

18 to 24 Bridge St.

T. A. EDISON, Pres.  
JOHN KRUESI, Treas.  
SAMUEL INSULL, Secy.

Brooklyn, N. Y.

June 19<sup>th</sup> 1885

Samuel Insull Esq. N.Y.

Dear Sir:

Please send me  
particulars relating to renewal  
of Drexel Morgan & Co's note; I  
should like to know the amount  
of interest paid and the length  
of time the new note has to  
run.

Yours truly  
Charles Morgan

The Electric Tube Company.

18 to 24 Bridge St.

T. A. EDISON, Pres.  
JOHN SPRUE, Treas.  
SAMUEL INSALL, Secy.

Brooklyn, N. Y., ..... 188

Mr Insall

I enclose Telephone Price  
List. Anyone to whom you may show  
this list will notice that the prices do not  
vary regularly, that at some points there  
are sudden falls notably between 205 & 193,  
127 & 115 and 49 & 37, at these three points  
we change the size of our boxes. At other  
points there are lesser changes due to changes  
in the size of the iron tubes. These  
inequalities will always exist to a certain  
extent but as the number of box patterns is  
increased they will become more frequent and  
less abrupt, tending towards a regular  
variation in price. In Brief:— the present  
list is based upon the box patterns we now have,  
which will be increased in number as needed;  
and in any estimate, when the amount  
warrants it, we will figure on intermediate  
box patterns and give the purchaser the  
benefit of the saving so obtained.

Langton

## The Electric Tube Company.

18 to 24 Bridge St.

Brooklyn, N. Y., July 14 1885

*Price List of Telegraph and Telephone Cables with*  
*copper wires #18 Brown & Sharpe gauge, .040 in*  
*in diameter, 33.56 ohms per mile.*

*Net Prices for lines delivered connected in place,*  
*including freight charges and the cost of excavating*  
*refilling and repairing trench.*

| No of<br>Wires | Per<br>Foot | Per<br>Mile  | Per<br>Mile-Wire | No of<br>Wires | Per<br>Foot | Per<br>Mile  | Per<br>Mile-Wire |
|----------------|-------------|--------------|------------------|----------------|-------------|--------------|------------------|
| 307            | \$ 7.10     | \$ 37,486.00 | \$ 122.11        | 151            | \$ 4.18     | \$ 22,070.40 | \$ 146.16        |
| 295            | 6.94        | 36,643.20    | 124.21           | 139            | 4.02        | 21,225.60    | 152.70           |
| 283            | 6.79        | 35,851.20    | 126.68           | 127            | 3.85        | 20,328.00    | 160.06           |
| 271            | 6.63        | 35,006.40    | 129.18           | 115            | 3.37        | 17,793.60    | 154.73           |
| 265            | 6.54        | 34,531.20    | 130.31           | 103            | 3.21        | 16,948.80    | 164.65           |
| 253            | 6.29        | 33,211.20    | 131.23           | 91             | 3.05        | 16,104.00    | 176.97           |
| 241            | 6.12        | 32,313.60    | 134.08           | 85             | 2.85        | 15,048.00    | 177.09           |
| 229            | 5.95        | 31,416.00    | 137.19           | 73             | 2.67        | 14,097.60    | 193.12           |
| 217            | 5.77        | 30,465.60    | 140.39           | 61             | 2.40        | 12,672.00    | 207.74           |
| 205            | 5.60        | 29,568.00    | 144.23           | 49             | 2.22        | 11,721.60    | 239.22           |
| 193            | 4.86        | 25,660.80    | 132.96           | 37             | 1.44        | 7,603.20     | 205.49           |
| 181            | 4.69        | 24,763.20    | 136.81           | 31             | 1.36        | 7,180.80     | 231.64           |
| 169            | 4.51        | 23,812.80    | 140.90           | 19             | 1.15        | 6,072.00     | 319.58           |
| 163            | 4.43        | 23,390.40    | 143.50           | 7              | .93         | 4,910.40     | 701.49           |

The Electric Tube Company.

18 to 24 Bridge St.

T. A. EDISON, Pres.  
JOHN KRUESI, Treas.  
SAMUEL INSULL, Secy.

Brooklyn, N. Y.,

Aug. 7<sup>th</sup> 1885

Saml Insull Esq N. Y.

Dear Sir,

As there is absolutely nothing to do at the office at present, and as you kindly offered me a prolongation of my vacation, I have concluded to accept an invitation to visit some friends up the Hudson, and will remain there during the first half of next week. I have my pay balance ready and there is nothing whatever lagging behind at the office <sup>so far as work is concerned</sup>. The spent will be in on Monday Aug. 10 - for the rent \$208.<sup>00</sup> - our balance at the bank being, as you know, about \$50.-; and our pay-roll check of \$210.- must be paid, I suppose.

Our creditors are clamoring rather loudly for money; I suppose they will be obliged to wait until we get another payment from Metrop. Tel. Co. will they not?

Yours Truly  
Charles Dwyer

The Electric Tube Company,

18 to 24 Bridge St.

T. A. EDISON, Pres.  
JOHN KRUESI, Treas.  
SAMUEL INSULL, Sec'y.

Brooklyn, N. Y.,

Oct. 13<sup>th</sup> 1885

Sam'l Insull Esq.  
N.Y.

Dear Sir,

Enclosed  
please find our note  
of \$1000.- due Jan. 16/86 -  
Please see that we get check  
on or before Friday, as note  
of above amount falls due  
on Saturday Oct. 17/85. —

Yr. oblige  
John Kruesi

The Electric Tube Company,

18 to 24 Bridge St.

T. A. EDISON, Pres.  
JOHN KILGESS, Treas.  
SAMUEL INGRAM, Sec'y.

Brooklyn, N. Y.,

Oct. 30<sup>th</sup> 1885

Sam. Ingram Esq  
N. Y.

Dear Sir.

Please do not  
fail to have the New Bedford  
contract ready for me by  
to-morrow evening - also  
have the kindness to send me  
the letter from Price containing  
order for material to be used  
in above district -

Yours Truly  
John H. Rudd

State whether you will go up  
Monday night by Fall River line

THOMAS A. EDISON,  
No. 65 FIFTH AVENUE.

NEW YORK, Dec 8 1885

Mr Insull

Tube Co have a note due  
on Friday next  
\$850 Ansonia B & C Co.

we have not recd. reply  
or remittance from Milan  
& nothing in Bank.

Please find a way  
out & oblige

Yours truly  
J. Edison

F. L.  
E. L. Tube Co.  
Dec 10, 1885

Electric Tube Company

To

John Cornishman

Dr

1885

Feb 10

Conversations with Messrs Edison  
Russell, & Babcock as to meeting  
of Directors & stockholders & attendance  
at such meetings & advice in regard  
to same

" "

Preparing assignment of contract  
to Dressel Morgan & Company to  
secure advance of \$7500 & advice  
in regard to same

Feb 12

Conversations with Messrs Edison  
Russell in regard to re-vised contract  
between Tube Company and Light  
Company.  
Interview with Dr Brownell in  
regard to same & examination  
of books

Feb 14

Interview with Dr Brownell & Major  
Eaton in regard to same matter

April 2<sup>nd</sup>

Interviews with Mr Russell & Mrs  
Wheeler in regard to the state-  
ment, & also preparing same

and attendance before Tax Commission  
on adjustment of tax

Miscellaneous services to date.

Total

\$ 100<sup>00</sup>/<sub>100</sub>

Received Payment

Mailed to  
Deer Creek, Wis.  
J. G. 91

The Electric Tube Company,  
18 to 24 Bridge St.

T. A. EDISON, Pres.  
JOHN KRUSSEL, Treas.  
SAMUEL INSULL, Secy.

Brooklyn, N. Y.,

Dec. 15, 1885

Samuel Insull Esq.

Dear Sir,

Enclosed please find the telephone and telegraph price-lists I promised you, and on which a commission of 4% will be allowed. I tried to find you yesterday in order to give you these, but could not catch you.

Yours Truly  
John Krusell

The Electric Tube Company,  
18 to 24 Bridge St.

T. A. EDISON, Pres.  
JOHN KRUESI, Treas.  
SAMUEL INSULL, Secy.

Brooklyn, N. Y.,

Dec. 19<sup>th</sup> 1885

Saml Insull Esq 65-5<sup>th</sup> Ave.  
N.Y.

Dear Sir. —

Please call on Mr. Cahill,  
Secy. of Metrop. Teleph. & Telep. Co., without fail on Monday,  
21<sup>st</sup> inst, in relation to final payment on con-  
tract. Mr. Davis said to-day that the matter would  
be laid before a Committee of Directors next  
Thursday and if there was no misunderstanding  
as to our guarantee, or some other point, we would,  
in all probability, get a check. Therefore it  
is essential that you see Mr. Cahill and remove  
all obstacles that may prevent our claim  
being favorably passed upon.

Yours Truly

ELECTRIC TUBE CO.

John Kruesi TREASURER.

THE METROPOLITAN TELEPHONE AND TELEGRAPH COMPANY,

CORNER OF GREENWICH AND LIBERTY STREETS,

NEW YORK,

Dec 21 1885

Electric Tube Co.

Bushlyn, N.Y.

Gents :-

The enclosed warranty should be executed and delivered by you before settlement of account under contract of October 28/84.

Yours truly

Wm. H. Cahill  
Secy

THE METROPOLITAN TELEPHONE AND TELEGRAPH COMPANY,

CORNER OF GREENWICH AND LIBERTY STREETS,

NEW YORK,

Dec 22<sup>d</sup> 1885

Samuel Inoull Esq  
Pres, The Electric Light Co.  
Dear Sir:

We have received the  
warranty executed in duplicate.

Mr Davis will sign and return  
one of the parts when authorized to do  
so by the Executive Committee, which  
will hold its next meeting day after  
tomorrow.

Yours truly  
J. T. Cahill  
Secy

[TO SOCIETA GENERALE ITALIANA ELETTRICITA]

The Electric Tube Company.

18 to 24 Bridge St.

T. A. EDISON, Pres.  
JOHN KRUESI, Treas.  
SAMUEL INSULL, Secy.

Brooklyn, N. Y., ..... 188

*Edison*

*Milan Italy*

*Tubes larger number three, twenty-eight.*

*All material twenty seven.*

*Number three and smaller tubes twenty-five.*

*All material twenty.*

*Edison*

## **PUBLICATION AND MICROFILM COPYING RESTRICTIONS**

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**END**

**77**

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Florida Power & Light Company  
General Electric Foundation  
Gould Inc. Foundation  
Gulf States Utilities Company  
Idaho Power Company  
International Brotherhood of Electrical  
Workers  
Iowa Power and Light Company

Mr. and Mrs. Stanley H. Katz  
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McGraw-Edison Company  
Middle South Services, Inc.  
Minnesota Power  
New Jersey Bell Telephone Company  
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Corporation  
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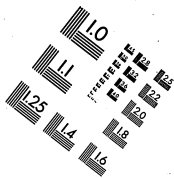
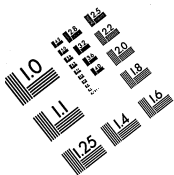
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